

State Funding for Career and Technical Education

Report of State and Local Activities and Expenditures Fiscal Year 2018

Nevada State Board of Education –
Webpage Referenced
on January 17, 2019

Submitted by:
Kristine Nelson, Director
Office of Career Readiness, Adult Learning & Education Options
Nevada Department of Education

Overview

Following the provisions of Nevada Revised Statutes (NRS) 388.396, the Department of Education must: (1) evaluate the manner in which the state grant money was expended and the effectiveness of the program of career and technical education for which the money was granted; and, (2) report the results of the review to the State Board of Education. In fiscal year 2018, \$12,543,822 was authorized by the Nevada Legislature in the Department of Education's budget for career and technical education (CTE) programs in public school districts and charter schools. This report provides information about how the funds were allocated and expended.

NRS 388.392-395 directs the distribution of state CTE money as follows: (1) not more than 7.5 percent to provide leadership activities in that fiscal year; (2) 30 percent of the funds must be distributed via competitive sub-grants to public school districts or charter schools for a program of CTE, and awards made by the Superintendent of Public Instruction based on the criteria established by regulation of the State Board of Education and recommendations received by the representatives of the industry sector councils and for the purposes of developing new programs of CTE or improving or expanding existing programs of CTE (3) not more than 5 percent of to support pupil organizations (i.e., CTSOs) for CTE; and, (4) the remainder of available state money distributed via allocated sub-grants to public school districts or charter schools during the fiscal year based on the proportion of the enrollment of pupils in programs of CTE in that school district or public charter school during the *previous* fiscal year, as compared to the enrollments of pupils in programs of CTE throughout the State during the previous fiscal year.

<input type="checkbox"/> State Leadership:	\$0
<input type="checkbox"/> Competitive Grants:	\$3,763,146.60
<input type="checkbox"/> CTSOs:	\$0
<input type="checkbox"/> Allocation Grants:	\$8,780,675.40

NOTE: Pursuant to Senate Bill (S.B.) 544 Sec. 16(6)(d) enrolled and passed in the 2017 Nevada legislative session, the state CTE funding authorized by the Legislature is not for the use of leadership and training activities, nor pupil organizations. Competitive state CTE grant funds were awarded to 10 school districts. Members of the industry sector councils were invited to serve on a review team to develop funding recommendations. Those recommendations were then submitted to the Superintendent of Public Instruction, recommendations were reviewed, considerations were made, and grant award decisions were rendered based upon the criteria established by regulation of the State Board of Education. The remaining state CTE grant funds were awarded to public school districts based on NRS 388.395.

Funds granted to school districts and charter schools must be based on the following criteria:

- Career guidance
- Program and instruction
- Leadership development
- Education personnel
- Program planning and promotion
- Facilities, equipment and instructional materials and supplies
- Partnerships with business, industry and the community
- Systems of evaluation and accountability
- Alignment with priority career pathways for secondary and postsecondary education
- Industry-recognized credentials
- Alignment with workforce training needs in this State and the State's economic development strategies and workforce investment system

Part I: State Leadership Funds

State leadership funds were not included in FY2018 due to the *disabling* legislation, S.B. 544 Sec. 16(6)(d); see notation above.

Part II: Competitive Funds

Of the total funds available \$3,763,146.60 or 30 percent of the funds, were allocated for competitive grants for the purposes described earlier in this report. These funds were allocated in two rounds. The table below shows the total amounts requested, the amounts awarded in each round, and the amounts expended by school district.

School District	Amount Requested Round 1	Amount Awarded Round 1	Amount Expended Round 1	Amount Requested Round 2	Amount Awarded Round 2	Amount Expended Round 2	Total Amount Expended
Carson City	397,239.80	0.00	0.00	397,239.60	290,535.40	285,476.13	285,476.13
Churchill	0.00	0.00	0.00	70,524.00	70,524.00	59,656.38	59,656.38
Clark	2,381,461.40	1,457,504.40	1,424,203.73	1,037,265.99	565,109.93	559,961.30	1,984,165.03
Douglas	0.00	0.00	0.00	110,619.00	107,767.00	107,523.46	107,523.46
Humboldt	48,197.84	39,956.44	39,759.72	0.00	0.00	0.00	39,759.72
Lander	73,626.73	39,550.00	35,601.42	0.00	0.00	0.00	35,601.42
Lyon	270,854.00	211,396.00	155,642.10	73,860.00	39,730.00	35,159.58	190,801.68
Mineral	51,456.23	61,456.23	59,569.19	9,600.00	0.00	0.00	59,569.19
Nye	0.00	0.00	0.00	124,037.17	124,037.17	0.00	0.00
Washoe	1,208,758.00	241,519.00	241,495.67	498,740.00	200,781.50	200,292.63	441,788.30
White Pine	313,262.03	313,262.03	229,998.40	0.00	0.00	0.00	229,998.40
Totals	4,744,856.03	2,364,644.10	2,186,270.23	2,321,885.76	1,398,485.00	1,248,069.48	3,434,339.71
						Unexpended	328,806.89

NOTE: Descriptions of expenditures and outcomes by each participating school district are shown in the school district reports below. Unexpended funds revert to the state. The reasons funds were unexpended are provided for each grant as part of the school districts' FY2018 reporting.

Part III: CTSO Funds

Pupil organizations (i.e., Career and Technical Student Organization [CTSO]) were not funded out of state CTE funds in FY2018 due to the *disabling* legislation, S.B. 544 Sec. 16(4)(d); see notation above.

STATE CTE GRANTS - PERFORMANCE REPORT

FY18

Competitive Round 2

Agency: **CARSON CITY SCHOOL DISTRICT**

Report Submitted By:

Amy Freismid
(Signature of authorized representative)

(Date) *9/28/18*

Amy Freismid
(Printed Name of authorized representative and title)

Funding Award Amount: **\$ 290,535.40**

Funding Amount Used: **\$ 285,476.13**

Funding Amount Not Used: **\$ 5,059.27**

If not all funds were used please explain why:

Remaining unexpended funds were primarily for the purchase of a 65" monitor and Dell laptop for instruction for the Health Science courses. However, the order was not able to be received by the year end dead line of June 30, 2018.

Overall Grant Purpose

Funds from FY Competitive Round 2 supported program expansion in the following areas: Health Information Technology and Manufacturing Technologies.

How many projects were approved in the grant? **2**

Instructions:

Please complete and attach one Form J for each project.

- 1) All reports should include
 - A brief description of each project and the amount of funding used for the project.
 - Final outcomes of the evaluation methods which were described in the application.
 - Describe the results of each method. Were the objectives of the project met?
- 2) Competitive Grant reports should also include
 - How the grant funds helped increase the numbers of students who have access to complete CTE programs of study and earn the State Certificate of Skill Attainment.

FORM J: PROJECT OUTCOMES AND EVALUATION RESULTS

New Program Program Expansion Improvement and Support Staffing

Project Name: **CTE Competitive 2: Health Information Technology** Amount: **\$ 89,375.18**

Project Description

Funds from this project were used to expand the Health Science programs of study in Carson City School District to include Health Information Management. Curricula in the Health Science programs of study support students' honing their critical thinking and problem solving skills; assist in maintaining the critical partnership with Physician Select Network which provides training and support for teachers and students. Curricula in Health Information Management reinforces key expectations of employability and workplace readiness, and provides application of industry-level skills learned in the classroom setting to a real-life medical office settings.

Project Evaluation Methods and Outcomes

Program expansion projects completed included teacher training, computer and dual monitor purchase, medical office scanner purchase, and a prep buy out for the instructor teaching Health Information Management I which is the Level 2 class in the Health Information Management program of study. Computers with dual monitors were purchased and installed in the Health Information Management classrooms at Carson High School and Pioneer High School. Health Information Management teachers received training and support via our partnership with Physician's Select Network. eClinicalWorks, the Health Information Management software program utilized in hospitals, clinics, and doctors' offices region-wide is a focus of study in both HIM I and HIM II. Students demonstrating proficiency in eClinicalWorks software can immediately upon graduation and at age eighteen enter the work force in middle skill careers. Students enrolled in HIM I at Pioneer High School participated in field trips and job shadow as a part of their work-based learning opportunities supporting the HIM curriculum. Health Information Management I had an enrollment of 40 students across two campuses-35 at Carson High School and 5 at Pioneer High School. Health Science I, the level 1 course in the HIM program of study, currently has 6 sections of 25 students at Carson High School and 1 section of 16 at Pioneer High School which provides tremendous opportunity for our Health Science students to enter the Health Information Management program of study.

FORM J: PROJECT OUTCOMES AND EVALUATION RESULTS

New Program Program Expansion Improvement and Support Staffing

Project Name: **CTE Competitive 2-Manufacturing Technologies** Amount: **\$ 201,160.22**

Project Description

Funds from this project were utilized to expand the Manufacturing Technologies program at Carson High School to include Level 2, Manufacturing Technologies II. In addition, funds will be used for teacher salary, equipment, teacher training, supplies, and materials. Curricula in Manufacturing Technologies support students' honing their critical thinking and problem solving skills; assist in maintaining the critical partnerships area manufacturers, reinforce key expectations of employability and workplace readiness.

Project Evaluation Methods and Outcomes

Critical analysis of the program outcomes and the district's inability to secure a highly qualified manufacturing teacher for a second year necessitated short term and long term changes in the Manufacturing Technologies program. Training in SREB curriculum was not completed because a highly qualified teacher was not hired. The CTE Program Instructional Specialist and CTE Administrator worked daily with the two short term manufacturing teachers and a long term substitute who were assigned to the classroom over the school year. Students in Manufacturing Technologies I and Manufacturing Technologies II focused on career exploration, OSHA 10 certification, and computer simulation projects aligned with standards. The culminating activities in the careers exploration unit aligned with key manufacturing community partners acting as guest speakers, interview candidates, and presentation judges. Equipment purchased with funds from this project were installed for student use. In the second semester, students in Manufacturing Technologies II utilized the manufacturing equipment with the support of community partners familiar with the technologies. Thirty-seven students completed Manufacturing Technologies I and twenty-two students completed Manufacturing Technologies II.

STATE CTE GRANTS - PERFORMANCE REPORT

FY18

Competitive Round 2

Agency: **Churchill County School District**

Report Submitted By:

Kimi Melendy

(Signature of authorized representative)

Kimi Melendy, Director of Educational Services

(Printed name of authorized representative and title)

01/07/19

(Date)

Funding Award Amount: **\$ 70,524.00** Funding Amount Used: **\$ 59,656.38**

Funding Amount Not Used: **\$ 10,867.62**

If not all funds were used please explain why:

Due to staffing changes at the time, this was an oversight.

Overall Grant Purpose

The purpose of the grant was to help meet state and local need by instituting a new Diesel Technology Program that utilized the Diesel Technology Curriculum Framework and Nevada Diesel Technology Standards, 2014.

How many projects were approved in the grant? 1

Instructions:

Please complete and attach **one** Form J for each project.

- 1) All reports should include
 - A brief description of each project and the amount of funding used for the project.
 - Final outcomes of the evaluation methods which were described in the application.
 - Describe the results of each method. Were the objectives of the project met?
- 2) Competitive Grant reports should also include
 - How the grant funds helped increase the numbers of students who have access to complete CTE programs of study and earn the State Certificate of Skill Attainment.
- 3) CTSO Grant reports should also include
 - Number of Chapters, Student membership, and all conferences participation numbers.
 - Highlight of conference information/results.

FORM J: PROJECT OUTCOMES AND EVALUATION RESULTS

New Program Program Expansion Improvement and Support Staffing

Project Name: **Diesel Technology**

Amount: **\$ 59,656.38**

Project Description

To help meet this state and local need, Churchill County High School instituted a new program, Diesel Technology, utilizing the Diesel Technology Curriculum Framework and Nevada Diesel Technology Standards, 2014. In the school year, 2017-18, two sections of Diesel Technology I was provided with forty-four (44) students enrolled in the fall semester. During the 2018-19 school year, Diesel Technology I and II was offered with a total of forty-six (46) students enrolled. During the 2019-20 school year, Diesel Technology III will be provided with a minimum of one section, enrolling up to 25 students. Space was not an issue for this new program as shop space was available with the Ag Mechanics program. Unfortunately all funding was spent a balance of \$10,867.62 was not spent.

Project Evaluation Methods and Outcomes

Teachers are required to conduct the Program Quality Criteria Assessment for their individual programs, to identify where there are areas that need attention. This assessment gives them the opportunity to request updates to their program, make changes to the instruction, and other CTE elements to improve their program for student retention. The teacher requested the need for additional tools. Evaluation is most effective if it used to make significant changes. The CTE program has identified that there are areas of improvement needed for the CTE program, including counseling, to include course and academic planning, student monitoring, partnerships, accountability, and retention/completion. Counselors have been requested to increase academic planning with students, the CTE Coordinator will improve the student monitoring, and teachers will assist with accountability for student success for retention and completion.

The goal for the Diesel Technology program is for 50 percent (50%) of the CTE students to earn a B or better, 90 percent (90%) of students will be on target with End of Course exams and 30 percent (30%) of Diesel Technology will become CTE completers.

STATE CTE GRANTS - PERFORMANCE REPORT

FY18

Competitive

Agency: **CCSD**

Report Submitted By:



(Signature of authorized representative)

10/03/18

(Date)

Edward T Goddard

(Printed name of authorized representative and title)

Funding Award Amount: **\$ 1,457,504.40**

Funding Amount Used: **\$ 1,424,123.33**

Funding Amount Not Used: **\$ 33,381.07**

If not all funds were used please explain why:

Teaching & Training Summer Academy had fewer enrollments than projected

Overall Grant Purpose

See attached Form J's

How many projects were approved in the grant? 4

Instructions:

Please complete and attach **one** Form J for each project.

- 1) All reports should include
 - A brief description of each project and the amount of funding used for the project.
 - Final outcomes of the evaluation methods which were described in the application.
 - Describe the results of each method. Were the objectives of the project met?
- 2) Competitive Grant reports should also include
 - How the grant funds helped increase the numbers of students who have access to complete CTE programs of study and earn the State Certificate of Skill Attainment.

FORM J: PROJECT OUTCOMES AND EVALUATION RESULTS

New Program

Program Expansion

Improvement and Support

Staffing

Project Name: **Health Science Virtual Reality**

Amount: **\$ 179,999.75**

Project Description

The CCSD CTE department is requesting funding for the following 12 schools to implement virtual reality computers in the Health Science Programs at Arbor View High School, Desert Oasis High School, West Career & Technical Academy, Western High School, Rancho High School, East Career & Technical Academy, Southeast Career & Technical Academy, Southwest Career & Technical Academy, Foothill High School, Mojave High School, Bonanza High School, and Northwest Career & Technical Academy during the 2017-2018 school year. Virtual reality computers and software will attract students to the healthcare field that would normally not be excited about anatomy and biology.

Project Evaluation Methods and Outcomes

1. Health Science programs across the district will increase enrollment by 25% in the 2017-2018 school year.

Enrollment increase by 3.1% in the Health Sciences programs of study.

2. 100% of health science teachers will receive professional development to implement virtual reality into the curriculum and standards appropriately.

95% of the health science teachers attended professional development to implement virtual reality into the curriculum and standards appropriately.

3. Students receiving the CTE certificate of completion in a health science program will increase by 25% in the 2017-2018 school year.

There was a 15% increase students receiving the CTE certificate of completion in a health science program in the 2017-2018 school year.

FORM J: PROJECT OUTCOMES AND EVALUATION RESULTS

New Program

Program Expansion

Improvement and Support

Staffing

Project Name: **Manufacturing Technology**

Amount: **\$ 810,441.02**

Project Description

In order to expand on the current manufacturing technology programs at Centennial High School, Cimarron-Memorial High School, SECTA, SWCTA, and Palo Verde High School purchasing robotic arms allow for more advanced manufacturing skill sets. SWCTA and Cimarron-Memorial are also focused on subtractive manufacturing which will produce machinists for the expanding manufacturing sector. SECTA will expand its manufacturing program and will be focused on automated welding. SECTA will also be integrating a Learning Management System (LMS) for virtually teaching manufacturing processes so they will be better prepared to operate a live CNC and laser engraving machine. Truckee Meadows Community College (TMCC) has an articulation agreement credit for students that complete the three-year pathway. The community college is offering between eighteen and twenty-one credits.

Project Evaluation Methods and Outcomes

1. 80% or more of the students enrolled in Manufacturing Technologies I and Computer Integrated Manufacturing I will continue onto the second year pathway course for 2018-19.
93.7% of the students in Manufacturing Technologies I continued onto the second year pathway course.
2. 20% of the pathway students will be a member of a CTSO and participate in CTSO competitions.
1.5% of the students were a member of a CTSO and participated in CTSO competitions.
3. 50% of the pathway students will complete the three year program.
To be determined on the third year of the pathway during the 2019-2020 school year.

FORM J: PROJECT OUTCOMES AND EVALUATION RESULTS

New Program

Program Expansion

Improvement and Support

Staffing

Project Name: **Virtual Simulators**

Amount: **\$ 70,535.00**

Project Description

CCSD CTE is proposing the purchase of a MILO simulator for the Bonanza High School Fire Science & Emergency Medical Technician Programs of study. This MILO simulator would help both the Bonanza Fire Science academy and the EMT academy students experience life like scenarios that are difficult in the classroom setting. CCSD CTE is also proposing the purchase of a 3D anatomy table for the Western High School Nursing assistant program of study. The 3D anatomy table would allow students to bridge the gap between concepts learned in anatomy and give students the opportunity to dissect and visualize real human tissue.

Project Evaluation Methods and Outcomes

1. The two programs will increase enrollment by 25% in the 2017-2018 school year.
There was a 14.8% increase in enrollment in the two programs.
2. 100% of teachers will receive professional development to implement virtual reality into the curriculum and standards appropriately.
100% of teachers participated in Professional Development in implementing virtual reality into the curriculum and standards appropriately.
3. Students receiving the CTE certificate of completion in a health science program will increase by 25% in the 2017-2018 school year.
There was a 41.1% increase of students earning certificates in EMT and Fire Science in the 2017-2018 school year at Bonanza HS.

FORM J: PROJECT OUTCOMES AND EVALUATION RESULTS

New Program Program Expansion Improvement and Support Staffing

Project Name: **Education and Training**

Amount: **\$ 396,528.63**

Project Description

The Clark County School District (CCSD) Career and Technical Education (CTE) department requests funding for the Education and Training new program of study at Canyon Springs High School, Clark High School, Coronado High School, Durango High School, Foothill High School, Las Vegas High School, Mojave High School, Rancho High School, Shadow Ridge High School, Southeast Career and Technical Academy, Silverado High School, Spring Valley High School, Sunrise Mountain High School, and Valley High School during the 2017-2018 school year.

Project Evaluation Methods and Outcomes

1. 14 Education and Training Programs will be implemented into the district for 2017-2018 school year. 14 Education (Teaching) and Training Programs were implemented in the 2017-2018 school year.
2. 100% of Education and Training teachers will receive professional development to meet the standards and curriculum of the program.
95% of the Education (Teaching) and Training teachers participated in professional development to meet the standards and curriculum of the program.
3. 75% of the students enrolled in the Education and Training I Program of Study will move on into the Education and Training II for 2018-2019 school year.
33.5% of the students enrolled in Education (Teaching) and Training I Program of Study moved on into the Education (Teaching) and Training II course for 2018-2019 school year.

STATE CTE GRANTS - PERFORMANCE REPORT

FY18

Competitive Round 2

Agency: **CCSD**

Report Submitted By:



(Signature of authorized representative)

10/03/18

(Date)

Edward T Goddard

(Printed name of authorized representative and title)

Funding Award Amount: **\$ 565,109.93**

Funding Amount Used: **\$ 528,595.62**

Funding Amount Not Used: **\$ 36,514.31**

If not all funds were used please explain why:

Vendor could not deliver by the close out date so the order had to be cancelled.

Overall Grant Purpose

To maintain a new career and technical education center that will provide career and college classes to current Desert Rose students and students in five comprehensive high schools. Students from Canyon Springs High School, Cheyenne High School, Legacy High School, Mojave High School, and West Preparatory High School will attend career and technical education classes at Desert Rose Career Technical Center and have opportunities to earn college credit and industry certifications. See attached Form J.

How many projects were approved in the grant? **1**

Instructions:

Please complete and attach **one** Form J for each project.

- 1) All reports should include
 - A brief description of each project and the amount of funding used for the project.
 - Final outcomes of the evaluation methods which were described in the application.
 - Describe the results of each method. Were the objectives of the project met?
- 2) Competitive Grant reports should also include
 - How the grant funds helped increase the numbers of students who have access to complete CTE programs of study and earn the State Certificate of Skill Attainment.

FORM J: PROJECT OUTCOMES AND EVALUATION RESULTS

New Program Program Expansion Improvement and Support Staffing

Project Name: **Desert Rose Career Technical Center**

Amount: **\$ 565,109.93**

Project Description

CCSD requests funding to maintain a new career and technical education center that will provide career and college classes to current Desert Rose students and students in five comprehensive high schools. Students from Canyon Springs High School, Cheyenne High School, Legacy High School, Mojave High School, and West Preparatory High School will attend career and technical education classes at Desert Rose Career Technical Center and have opportunities to earn college credit and industry certifications. Each student in the program will attend 80-90 minutes of credit bearing classes twice a week at the Desert Rose Career Technical Center campus. Each course is designed in concert with CCSD, CSN, NSC, and UNLV to meet the designated needs areas:

Project Evaluation Methods and Outcomes

1. Desert Rose Career Technical Center will institute four CTE programs for the 2017-2018 year.

During the 2017-2018 school year the following courses CTE were offered:

Construction Technology

Electrical Wiring

Manufacturing

Medical Assisting

Nursing

Welding

Manufacturing was a new offering for the 2017-2018 school year.

This objective was met.

2. 80% of juniors enrolled in Manufacturing I during the 2017-2018 school year will move on to Manufacturing II the 2018-2019 school year.

There were 15 juniors in manufacturing I in the 2017-2018 school year.

3 students moved to different schools that did not have manufacturing

1 student failed and is repeating manufacturing I this year

4 students chose not to return

7 students are currently enrolled in manufacturing II

The percentage of students who were able to take manufacturing II in the 2018-2019 school year was 63.6%. This objective was not met.

STATE CTE GRANTS - PERFORMANCE REPORT

FY18

Competitive Round 2

Agency: **Douglas County School District**

Report Submitted By:



(Signature of authorized representative)

Jim Meyers, CTE Coordinator

(Printed name of authorized representative and title)

12/18/18

(Date)

Funding Award Amount: **\$ 107,767.00**

Funding Amount Used: **\$ 107,523.46**

Funding Amount Not Used: **\$ 243.54**

If not all funds were used please explain why:

Not all funds were expended because not all Non-IT supplies funds were expended leaving a balance in Object Code 612.

Overall Grant Purpose

The overall scope of this grant was for growth and development/improvement of completion rates in two major areas: (1) Web Design and Development, and (2) PLTW Engineering - Computer Integrated Manufacturing (CIM).

Priority 1 - Web Design and Development - added a Level 3C course to the catalog in FY18. Enrollment figures for this program remain constant and expected to increase. The Workplace Readiness Skills Assessments and End of Program Assessment success rates were 100% participation and 100% pass rate for both exams.

Priority 2 - Engineering (CIM) - Funds for this project were used to add new industry standard equipment to the CIM program allowing for a safer learning environment and increased production. The Workplace Readiness Skills Assessments and End of Program Assessment success rates were 100% participation and 100% pass rate for WRS and 64% for the EOP.

How many projects were approved in the grant? 2

Instructions:

Please complete and attach one Form J for each project.

- 1) All reports should include
 - A brief description of each project and the amount of funding used for the project.
 - Final outcomes of the evaluation methods which were described in the application.
 - Describe the results of each method. Were the objectives of the project met?
- 2) Competitive Grant reports should also include
 - How the grant funds helped increase the numbers of students who have access to complete CTE programs of study and earn the State Certificate of Skill Attainment.
- 3) CTSO Grant reports should also include
 - Number of Chapters, Student membership, and all conferences participation numbers.
 - Highlight of conference information/results.

FORM J: PROJECT OUTCOMES AND EVALUATION RESULTS

New Program Program Expansion Improvement and Support Staffing

Project Name: **PLTW Engineering (CIM) Program Improvement** Amount: **\$ 100,267.00**

Project Description

Use of requested funds were used for program improvement to assist this program to a higher level of instruction and student outcomes. Engine lathes, milling machines and welding machines were acquired to help students meet state and industry standards. Grant funds were used to supplement other district funds to help improve this program.

Project Evaluation Methods and Outcomes

Enrollment in the CIM program has doubled in size from the previous year. In the 2017-2018 school year, enrollment was set at one section with 30 students. The previous year there were 12 students. This growth is due in part to the high quality equipment utilized in the CIM lab combined with active program promotion and professional leadership and instruction.

Completer and Workplace Readiness Outcomes. Students in the CIM course were required to take the Workplace Readiness Skills (WRS) Assessment and the End of Program (EOP) Technical Skills Assessment. The WRS assessment participation rate was 100% and pass rate was 100%. The EOP assessment participation rate was 100% and pass rate was 80%. Of those 30 students, 13 were juniors and have since enrolled in the Level 4 Engineering Design and Development course.

SkillsUSA is the Career and Technical Student Organization for the CIM program, however, there were no participants in the CTSO in FY18. Student participation in SkillsUSA will be examined and promoted on a higher level in the next year.

FORM J: PROJECT OUTCOMES AND EVALUATION RESULTS

New Program Program Expansion Improvement and Support Staffing

Project Name: **PLTW Engineering (CIM) Program Improvement** Amount: **\$ 100,267.00**

Project Description

Project Evaluation Methods and Outcomes

(Continued from previous page)

CTSO activities - Douglas County School District currently has four active Career and Technical Student Organizations: FFA, FBLA, HOSA and Skills USA.

Enrollment last year:

FFA - 120

FBLA - 39

HOSA - 18

SkillsUSA - 48

Conferences attended and (student attendance):

FFA - Winter Leadership (25), Summer Leadership (8), Greenhand (18), State (36), National (6)

FBLA - Leadership (13), State (15), National (6)

HOSA - State (18)

SkillsUSA - State (6), National (3)

Awards received at these conferences? Conference and Award Name:

SkillsUSA - State - Gold - Graphic Design; Gold - Job Interview

FBLA - State - 2nd - Help Desk; 3rd - Future Business Leader

FFA - State - 2nd - Creed (Individual), 3rd - Greenhand (Team), 2nd - Farm Business Management (Team), 6 State Degrees, National - 5 American Degrees

FORM J: PROJECT OUTCOMES AND EVALUATION RESULTS

New Program Program Expansion Improvement and Support Staffing

Project Name: **Web Design & Develop. Program Improvement** Amount: **\$ 10,352.00**

Project Description

Use of requested funds were used for program improvement to assist this program to a higher level of instruction and student outcomes. Video editing software and a subscription to Lynda.com were requested. Grant funds were approved only for Lynda.com - an online tutorial and lesson subscription for use with web design. This software is a high level instructional package and is designed to assist students with meeting rigorous state and industry level standards. Grant funds were used to supplement other district funds to help improve this program.

Project Evaluation Methods and Outcomes

The Web Design and Development (WDD) program referenced in this Program Improvement project has solid enrollments over the last three years. The addition of Lynda.com has made the creation and maintenance of web pages much more manageable for students and has had a positive impact on learning.

Completer and Workplace Readiness Outcomes. For the first time, students in Web Design and Development III course were required to take the Workplace Readiness Skills (WRS) Assessment and the End of Program (EOP) Technical Skills Assessment. A total of 6 students participated in the assessments. The WRS assessment participation rate was 100% and pass rate was 100%. The EOP assessment participation rate was 100% and pass rate was 100%! Two students were juniors and have since enrolled in Web Design and Development IV.

SkillsUSA is the Career and Technical Student Organization for the Web Design and Development program. There were 6 students that went to the state conference competing in teams of two. One team won the Bronze medal, beating a majority of career and technical academies from Las Vegas and Reno.

FORM J: PROJECT OUTCOMES AND EVALUATION RESULTS

New Program Program Expansion Improvement and Support Staffing

Project Name: **Web Design & Develop. Program Improvement** Amount: **\$ 10,352.00**

Project Description

Project Evaluation Methods and Outcomes

(Continued from previous page)

CTSO activities - Douglas County School District currently has four active Career and Technical Student Organizations: FFA, FBLA, HOSA and Skills USA.

Enrollment last year:

FFA - 120

FBLA - 39

HOSA - 18

SkillsUSA - 48

Conferences attended and (student attendance):

FFA - Winter Leadership (25), Summer Leadership (8), Greenhand (18), State (36), National (6)

FBLA - Leadership (13), State (15), National (6)

HOSA - State (18)

SkillsUSA - State (6), National (3)

Awards received at these conferences? Conference and Award Name:

SkillsUSA - State - Gold - Graphic Design; Gold - Job Interview

FBLA - State - 2nd - Help Desk; 3rd - Future Business Leader

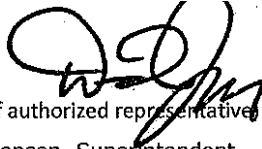
FFA - State - 2nd - Creed (Individual), 3rd - Greenhand (Team), 2nd - Farm Business Management (Team), 6 State Degrees, National - 5 American Degrees

STATE CTE GRANTS - PERFORMANCE Report

FY18 Competitive

Agency: **Humboldt County School District**

Report Submitted By:



(Signature of authorized representative)

Dr. David Jensen, Superintendent

(Printed name of authorized representative and title)

08/30/18

(Date)

Funding Award Amount: **\$ 39,956.44**

Funding Amount Used: **\$ 39,759.72**

Funding Amount Not Used: **\$196.72**

If not all funds were used please explain why:

Price changes on some items.

Overall Grant Purpose

HCSD utilized these state competitive funds to support the CTE programs at Lowry and McDermitt for welding equipment, equipment replacement, safety improvements, and consumable student supplies. The total budget for each program was approximately as follows: Lowry Ag - \$14,158, McDermitt Ag - \$15,508, Lowry Auto - \$10,092. A further breakdown of spending was listed in this grant's Form B.

How many projects were approved in the grant? **3**

Instructions:

Please complete and attach **one** Form J for each project.

- 1) All reports should include
 - A brief description of each project and the amount of funding used for the project.
 - Final outcomes of the evaluation methods which were described in the application.
 - Describe the results of each method. Were the objectives of the project met?
- 2) Competitive Grant reports should also include
 - How the grant funds helped increase the numbers of students who have access to complete CTE programs of study and earn the State Certificate of Skill Attainment.

FORM J: PROJECT OUTCOMES AND EVALUATION RESULTS

New Program Program Expansion Improvement and Support Staffing

Project Name: **Lowry HS Automotive Health & Safety Competitive** Amount: **\$ 10,092.50**

Project Description

We utilized Competitive State Grant funds in this program to remove and replace an automotive lift for student safety and skill attainment.

Project Evaluation Methods and Outcomes

In the 2016-17 school year HCSD had 722 students enrolled in CTE programs at McDermitt and Lowry High Schools. In 2017-18 there were 757 students enrolled for an increase of 35 students from year to year.

In 2016-17, 82.66% of HCSD students completed the CTE Workplace Readiness assessment and 85 or 99.04% passed the assessment. In 2017-18, 75 students completed the CTE Workplace Readiness Assessment and 69 or 92% passed the assessment. This represents a 10% increase in the passage rate for CTE students in Humboldt County.

In 2016-17, 71.3% of the HCSD students passed the End of Program Technical Assessments and 53% passed in 2017-18 for a decrease in the passage rate. In the area of End of Program Technical Assessments 82 students completed their exams in 2016-17 and 84 completed in 2017-18 for a 2% improvement in the number of students taking the exam. As a result of this data we believe that improved funding through this state grant has had an impact on improved passage rates of the state CTE exams.

FORM J: PROJECT OUTCOMES AND EVALUATION RESULTS

New Program Program Expansion Improvement and Support Staffing

Project Name: **McDermitt Combined School Agriculture Mechanics** Amount: **\$ 15,508.36**

Project Description

Through this Competitive State Grant we utilized funds to expand the program, we spent \$5,477.54 in welding rod, welder consumable parts, metal, gases, and small hand tools to meet the increased needs of student enrollment growth while providing high quality instruction in ag mechanics standards. In addition we purchased two Lincoln MIG Welders, 10 oxyacetylene sets with gauges and torches, three portable spot welders, and a 60 gallon air compressor at a cost of \$10,030.82.

Project Evaluation Methods and Outcomes

In the 2016-17 school year HCSD had 722 students enrolled in CTE programs at McDermitt and Lowry High Schools. In 2017-18 there were 757 students enrolled for an increase of 35 students from year to year.

In 2016-17, 82.66% of HCSD students completed the CTE Workplace Readiness assessment and 85 or 99.04% passed the assessment. In 2017-18, 75 students completed the CTE Workplace Readiness Assessment and 69 or 92% passed the assessment. This represents a 10% increase in the passage rate for CTE students in Humboldt County.

In 2016-17, 71.3% of the HCSD students passed the End of Program Technical Assessments and 53% passed in 2017-18 for a decrease in the passage rate. In the area of End of Program Technical Assessments 82 students completed their exams in 2016-17 and 84 completed in 2017-18 for a 2% improvement in the number of students taking the exam. As a result of this data we believe that improved funding through this state grant has had an impact on improved passage rates of the state CTE exams.

FORM J: PROJECT OUTCOMES AND EVALUATION RESULTS

New Program

Program Expansion

Improvement and Support

Staffing

Project Name: **Lowry HS Welding Competitive**

Amount: **\$ 14,158.86**

Project Description

Through this state competitive grant we are requesting short term help to provide the necessary welding rod for students to learn the state standards in Welding. To meet the student needs we are requesting 75 spools of Premier Arc 6, 2,475 pounds of Flux cored wire, 500 pounds of 1/8 5P electrode, 500 pounds of Fleet 37 electrode, and 500 pounds of E7018 electrode. These consumable supplies were used to assist student practice toward meeting state skill standards.

Project Evaluation Methods and Outcomes

In the 2016-17 school year HCSD had 722 students enrolled in CTE programs at McDermitt and Lowry High Schools. In 2017-18 there were 757 students enrolled for an increase of 35 students from year to year.

In 2016-17, 82.66% of HCSD students completed the CTE Workplace Readiness assessment and 85 or 99.04% passed the assessment. In 2017-18, 75 students completed the CTE Workplace Readiness Assessment and 69 or 92% passed the assessment. This represents a 10% increase in the passage rate for CTE students in Humboldt County.

In 2016-17, 71.3% of the HCSD students passed the End of Program Technical Assessments and 53% passed in 2017-18 for a decrease in the passage rate. In the area of End of Program Technical Assessments 82 students completed their exams in 2016-17 and 84 completed in 2017-18 for a 2% improvement in the number of students taking the exam. As a result of this data we believe that improved funding through this state grant has had an impact on improved passage rates of the state CTE exams.

STATE CTE GRANTS - PERFORMANCE REPORT

FY18

Competitive

Agency: **Lander County School District**

Report Submitted By:

11/1/18

(Signature of authorized representative)

(Date)

Heather Nield, CTE Administrator

(Printed name of authorized representative and title)

Funding Award Amount: \$39,550.00

Funding Amount Used: \$35,601.42

Funding Amount Not Used: **\$ 3,948.58**

If not all funds were used please explain why:

Total fund expenditure was not possible due to ordered supplies coming in under cost, items were backordered and not shipped within a reasonable time after the grant period closed, and items were deemed permanently out of stock.

Overall Grant Purpose

The Competitive Grant funds were used to provide a curriculum that is inovative, current and provides hands on instructional activities which will prepare graduates for careers in Nevada, specifically Lander County. The impact in Health Science and Agriculture programs will help meet the high wage/high skill/high demand and nontraditional areas identified by the governor. The intended use of funds are to increased the numbers of students who complete CTE programs of study and earn the State Certificate of Skill Attainment as well as prepare students who are career and college ready. This is accomplished through curriculum and instruction that is rigorous and relevant.

How many projects were approved in the grant? 2

Instructions:

Please complete and attach **one** Form J for each project.

- 1) All reports should include
 - A brief description of each project and the amount of funding used for the project.
 - Final outcomes of the evaluation methods which were described in the application.
 - Describe the results of each method. Were the objectives of the project met?
- 2) Competitive Grant reports should also include
 - How the grant funds helped increase the numbers of students who have access to complete CTE programs of study and earn the State Certificate of Skill Attainment.

FORM J: PROJECT OUTCOMES AND EVALUATION RESULTS

New Program Program Expansion Improvement and Support Staffing

Project Name: Agriculture Science

Amount: 24,587.21

Project Description

The Agriculture Science program helps prepare students for high skill/high wage/high demand careers in Nevada and Battle Mountain. To adequately prepare students, opportunities for hands on activities and simulations increase the rigor and relevance of Agriculture Science I & II, Veterinary Science, and Greenhouse Management standards and real world applications. This helps students to be more prepared in a real life situations, think critically, problem solve, communicate, and collaborate in the classroom and workplace.

Project Evaluation Methods and Outcomes

The Agriculture Science Program at BMHS is keeping detailed enrollment information including records of the number students who pass the Nevada End of Program CTE Technical Assessments. These records will be compared from year to year and against the general population of BMHS to determine the success of the program and the grant funded projects in quantitative assessment. It is our goal to have 94.5% of Agriculture Science students pass the Nevada End of Course Exam. We will also measure the number students enrolled in the program over the next three years to determine the percentage increase of students enrolled over time. In addition, the number of students enrolled in post-secondary programs, the percentage of CTE students who graduated, the professional development programs attended by instructor and the number of collaborations developed between institutions, the number of presentations to professional and community groups and the number of community collaborations developed. We expect 99% of "Completers" to graduate from BMHS on time. This data will enable us to complete a quantitative analysis of the success of

FORM J: PROJECT OUTCOMES AND EVALUATION RESULTS

New Program

Program Expansion

Improvement and Support

Staffing

Project Name: Health Science

Amount:

11014.21

Project Description

The Health Science program helps prepare students for a career in the health and medical field, specifically high skill/high wage/high demand careers in Nevada and Battle Mountain. To adequately prepare students, opportunities for hands on activities and simulations increase the rigor and relevance of Health Science I & II, EMT, and Nursing Assistant standards and real world applications. This helps students to be more prepared in a real life situations, think critically, problem solve, communicate, and collaborate in the classroom and workplace.

Project Evaluation Methods and Outcomes

The Health Science Program at BMHS is keeping detailed enrollment information including records of the number students who pass the Nevada End of Program CTE Technical Assessments. These records will be compared from year to year and against the general population of BMHS to determine the success of the program and the grant funded projects in quantitative assessment. It is our goal to have 80% of Health Science students pass the Nevada End of Course Exam. We will also measure the number students enrolled in the program over the next three years to determine the percentage increase of students enrolled over time. In addition, the number of students enrolled in post-secondary programs, the percentage of CTE students who graduated, the professional development programs attended by instructor and the number of collaborations developed between institutions, the number of presentations to professional and community groups and the number of community collaborations developed. We expect 99% of "Completers" to graduate from BMHS on time. This data will enable us to complete a quantitative analysis of the success of the

STATE CTE GRANTS - PERFORMANCE REPORT

FY18 Competitive

Agency: **Lyon County School District**

Report Submitted By:

12/18/18

(Signature of authorized representative)

(Date)

Jennifer Apgar, CTE Grants Coordinator

(Printed name of authorized representative and title)

Funding Award Amount: **\$ 211,396.00** Funding Amount Used: **\$ 155,642.10**

Funding Amount Not Used: **\$ 55,753.90**

If not all funds were used please explain why:

Funds were awarded to employ paraprofessionals at three high schools, We hired these positions as quickly as possible. Unfortunately, the hiring was completed in September and October 2017. With hiring happening two to three months into the spending year we were unable to spend the full years salaries as we had anticipated.

Overall Grant Purpose

The overall purpose of this funding was to support the instruction of our special needs populations at Fernley, Dayton, and Yerington High Schools. The support staff was to assist with instruction in the CTE classrooms throughout the school. As support to special needs students in the completion of courses in all offered CTE sequences at the sites and to help provide remedial support as well to ensure adequate knowledge base for students who were scheduled to take their end of program assessments, such as the Workplace Readiness exam and the End of Program assessment. This was all to increase accessibility for students in CTE programs of study. There was also collaboration between the paraprofessionals and the district transition coordinator to successfully transition students to post-secondary institutions or transitional placement in a career setting.

How many projects were approved in the grant? **3**

Instructions:

Please complete and attach one Form J for each project.

- 1) All reports should include
 - A brief description of each project and the amount of funding used for the project.
 - Final outcomes of the evaluation methods which were described in the application.
 - Describe the results of each method. Were the objectives of the project met?
- 2) Competitive Grant reports should also include
 - How the grant funds helped increase the numbers of students who have access to complete CTE programs of study and earn the State Certificate of Skill Attainment.
- 3) CTSO Grant reports should also include
 - Number of Chapters, Student membership, and all conferences participation numbers.
 - Highlight of conference information/results.

FORM J: PROJECT OUTCOMES AND EVALUATION RESULTS

New Program Program Expansion Improvement and Support Staffing

Project Name: **School wide at Fernley, Dayton, and Yerington HS** Amount: **\$ 151,292.96**

Project Description

The position of the Transition Coordinator and the Program Paraprofessionals will help coordinate services for students in CTE classrooms alongside the district Transition Coordinator. With two Program Paraprofessionals per site we have created a wider area of coverage for all students across all learning abilities in multiple CTE courses at the same time. The collaborative efforts of these positions will also include providing professional development to all staff relative to essential evidence-based practices.

Through this project we have modeled the collaborative approach with LCSD, VR, and the NDE to provide high quality transition services and programs to students with disabilities to improve their access to CTE programs and a more positive and productive post-secondary life.

Project Evaluation Methods and Outcomes

Objectives & Grant Outcomes:

Increase the number of students with disabilities accessing and participating in CTE programs in Lyon County School District by 15% by June, 2020. We would like to continue increasing the current number of students served. Our number of students served increased from 114 in school year 16-17 to 116 in semester one of school year 17-18. With a program run time of only one full semester, results are still to be determined for the initial school year with this initiative.

CTE Pass Rates for Semester 1 for students on IEP's:

Dayton High 97.14%
Fernley High 97.5%
Yerington High 100%

Completers who have IEP's:

2015-2016 - Zero
2016-2017 - Two

FORM J: PROJECT OUTCOMES AND EVALUATION RESULTS

New Program Program Expansion Improvement and Support Staffing

Project Name: **Agriculture & Natural Resources-Food Science** Amount: **\$ 4,349.14**

Project Description

Smith Valley School added Food Science as another completer level course for it's Agriculture & Natural Resources students. Though the GOED High Demand Occupation Analysis that was recently compiled (August 2016) has a consensus rank for Agricultural and Food Science Technicians at 235. The local industry is comprised of over 90% agricultural operations. Covering areas such as family farms, to dairy, hay growers, cattle, and many other areas of production. We see these program areas as a near perfect fit for the Smith Valley School students.

Project Evaluation Methods and Outcomes

At the conclusion of the school year, the District pulled data on the percentage of successful completers in the programs. In addition, the Technical Skills Committee (TSC) will continue to review and advise the school district regarding the design of the program. Information provided will include the curriculum, the facilities, and how well the program prepares students to enter the workforce.

In these meetings, the TSC helps to determine what is needed to improve and further advance the program. This proposal is the result of that input, which is invaluable. The TSC is composed of CTE teachers, administrators, parents, students, higher education representatives and LCSD Board members and community/industry members.

For SY17-18 Smith Valley Schools successfully completed 7 out of the 7 students enrolled, from it's new Food Science program and 6 out the 7, 86% earned their State Certificate of Completion. At Smith Valley HS the Agriculture programs are the top producing programs when it comes to completers and State Skill Attainment Certificate earners.

FORM J: PROJECT OUTCOMES AND EVALUATION RESULTS

New Program Program Expansion Improvement and Support Staffing

Project Name: **Skilled & Technical Sciences - Machine Tool Tech** Amount: **\$ 0.00**

Project Description

Yerington High School in an effort to serve its students needs and interests are realigning their Skilled & Technical Sciences programs. Currently their offerings include Machine Tool Technology and Welding Technology. The lack of any standards and an end of program assessment for Machine Tool Technology has prompted a change of the course offering; with this Yerington High School will phase out the Machine Tool Technology and Welding Technology course and move to Metalworking. Metalworking will provide the skills and knowledge of both Machine Tool Technology and Welding Technology in one course versus two.

Project Evaluation Methods and Outcomes

At the conclusion of the school year, the District pulled data on the percentage of successful completers in the programs. In addition, the Technical Skills Committee (TSC) will continue to review and advise the school district regarding the design of the program. Information provided will include the curriculum, the facilities, and how well the program prepares students to enter the workforce.

In these meetings, the TSC helps to determine what is needed to improve and further advance the program. This proposal is the result of that input, which is invaluable. The TSC is composed of CTE teachers, administrators, parents, students, higher education representatives and LCSD Board members and community/industry members.

Yerington HS was unable to secure the requested training in SY17-18. No outcomes to report.

STATE CTE GRANTS - PERFORMANCE REPORT

FY18

Competitive Round 2

Agency: **Lyon County School District**

Report Submitted By:

12/18/18

(Signature of authorized representative)

(Date)

Jennifer Appgar, CTE Grants Coordinator

(Printed name of authorized representative and title)

Funding Award Amount: **\$ 39,730.00**

Funding Amount Used: **\$ 35,159.58**

Funding Amount Not Used: **\$ 4,570.42**

If not all funds were used please explain why:

Funds were awarded to employ District Wide Transition Coordinator. We hired the positions as quickly as possible. Unfortunately, the hiring was completed in September 2017. With hiring happening two months into the spending year we were unable to spend the full years salaries as we had anticipated.

Overall Grant Purpose

The overall purpose of this funding was to support the instruction of our special needs populations district wide. The position of a Transition Coordinator would help coordinate services for students with disabilities and to provide professional development to all staff relative to the essential evidence-based practices. There was also collaboration between the paraprofessionals and the district transition coordinator to successfully transition students to post-secondary institutions or transitional placement in a career setting.

How many projects were approved in the grant? 1

Instructions:

Please complete and attach one Form J for each project.

- 1) All reports should include
 - A brief description of each project and the amount of funding used for the project.
 - Final outcomes of the evaluation methods which were described in the application.
 - o Describe the results of each method. Were the objectives of the project met?
- 2) Competitive Grant reports should also include
 - How the grant funds helped increase the numbers of students who have access to complete CTE programs of study and earn the State Certificate of Skill Attainment.
- 3) CTSO Grant reports should also include
 - Number of Chapters, Student membership, and all conferences participation numbers.
 - Highlight of conference information/results.

FORM J: PROJECT OUTCOMES AND EVALUATION RESULTS

New Program Program Expansion Improvement and Support Staffing

Project Name: **District Wide Transition Coordinator**

Amount: **\$ 35,159.58**

Project Description

The position of a Transition Coordinator would help coordinate services for students with disabilities and to provide professional development to all staff relative to essential evidence-based practices. Through this project we would like to model the collaborative approach with LCSD, VR, and the NDE to provide high quality transition services and programs to students with disabilities to improve their access to CTE programs and a more positive and productive post-secondary life. Develop networking and data tracking procedures that seeks to document post-secondary outcomes and ensure adult service agency follow through. Develop collaborative relationships with state and local disability advocacy groups toward aligned objectives (i.e., Nevada Center for Excellence in Disabilities, Nevada Governor's Council on Developmental Disabilities, Commission on Persons with Disabilities, State Special Education Advisory Committee, etc.)

Project Evaluation Methods and Outcomes

District's Annual Performance Report:

Indicator 13:

Percent of youth aged 16 and above with an IEP that includes various required components for transition from secondary school to reasonably enable the student to meet the post-secondary goals.

Outcome: 16-17 we were at 100%. This data is only collected when we have a compliance monitoring, which we had last spring.

Indicator 14:

A) Percent of youth (who were no longer enrolled in secondary school and had IEPs in effect at the time they left school) who were enrolled in higher education within one year of leaving high school.

Outcome: A. Percent of youth who were enrolled in higher education within one year of leaving high school.

State Target: 28%

16-17 District: 29.2%

B) Percent of youth (who were no longer in secondary school and had IEPs in effect at the time they left school) who were enrolled in higher education or competitively employed within one year of leaving high school.

Outcome: B. Percent of youth who were enrolled in higher education or competitively employed within one year of leaving high school.

State Target: 57%

16-17 District: 75.0%

C) Percent of youth (who were no longer in secondary school and had IEPs in effect at the time they left school) who were enrolled in higher education, or in some other postsecondary education or training program, or competitively employed or in some other employment within one year of leaving high school.

Outcome: C. Percent of youth who were enrolled in higher education, or in some other postsecondary education or training program, or competitively employed or in some other employment within one year of leaving high school.

State Target: 73%

16-17 District: 87.5%

FORM J: PROJECT OUTCOMES AND EVALUATION RESULTS

New Program Program Expansion Improvement and Support Staffing

Project Name: **District Wide Transition Coordinator**

Amount: **\$ 35,159.58**

Project Description

Develop and expand cross-county access to needed instructional and vocational opportunities and Coordinate activities with NTACT and the NDE to assist with the roll-out of the best practices developed through the pilot project across the district.

Project Evaluation Methods and Outcomes

Lyon County School District Data Collection:

Students with Disabilities enrolled in CTE Programs

Number of students on IEPs who are successful completers of CTE Programs

List of Internship sites, paid employment sites, and community experience sites

List of partnerships with outside agencies and service providers

Outcomes: CTE Pass Rates for Semester 1 for students on IEP's:

Dayton High 97.14%

Fernley High 97.5%

Yerington High 100%

Completers who have IEP's:

2015-2016 - Zero

2016-2017 - Two

Professional Development:

Agendas

Training Materials

Sign-In Sheets

Program Evaluation

Data-based management system

Evaluation utilization for program improvement

Ongoing program evaluation

Specific evaluation of student outcomes

Student/family role in program evaluation

Secondary-level education services needs assessment

Post-school services or program needs assessment Annual

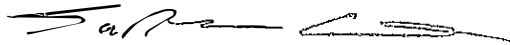
evaluation of interdisciplinary policy and procedures

STATE CTE GRANTS- PERFORMANCE REPORT

FY18 Competitive Round 2

Agency: **Mineral County School District**

Report Submitted By:



(Signature of authorized representative)

JayDee Porras-Grant

(Printed name of authorized representative and title)

01/09/19

(Date)

Funding Award Amount: \$ 59,524.50

Funding Amount Used: \$ 59,494.50

Funding Amount Not Used: **\$ 30.00**

If not all funds were used please explain why:

Small miscalculation resulted in underutilization of funds.

Overall Grant Purpose

Funds for salary, benefits, and travel for CTE Coordinator

How many projects were approved in the grant? **1**

Instructions:

Please complete and attach one Form J for each project.

- 1) All reports should include
 - A brief description of each project and the amount of funding used for the project.
 - Final outcomes of the evaluation methods which were described in the application.
 - Describe the results of each method. Were the objectives of the project met?
- 2) Competitive Grant reports should also include
 - How the grant funds helped increase the numbers of students who have access to complete CTE programs of study and earn the State Certificate of Skill Attainment.
- 3) CTSO Grant reports should also include
 - Number of Chapters, Student membership, and all conferences participation numbers.
 - Highlight of conference information/results.

FORM J: PROJECT OUTCOMES AND EVALUATION RESULTS

New Program

Program Expansion

Improvement and Support

Staffing

Project Name: **CTE Support and Travel**

Amount:

\$ 59,494.50

Project Description

Funds for salary, benefits and travel for CTE Coordinator.

Project Evaluation Methods and Outcomes

The CTE Coordinator was responsible for coordinating with the Grants Manager all processes associated with the application for, and administration of grant related projects and activities. Essential duties were : coordinate the CTE Community Advisory Committee; monitor the correct course code usage and names in Infinite Campus; collaborate with the Grants Manager in grant application processes; use of funds and project activities; coordinate with the Grants Manager and Data Manager in the preparation of student data reports and submissions as necessary; facilitate communication with various departments to ensure that all are working towards common goals; participate in appropriate meetings and training opportunities; review, evaluate and approve all software applications; correlate, develop and facilitate staff development opportunities for CTE teachers to maximize program instruction; meet regularly with CTE teachers; have an open door policy at all times with the CTE teachers and students and others to insure that long range goals are supported and met; consistently demonstrate effective support and effective problem solving skills and support the CTE teachers in all areas to include class scheduling and size, supplies, curriculum, course sequences, software, field trips, scheduling conference for continuing education and any other needs the CTE teachers may have.

The CTE Administrator, along with administration, the counselor and CTE Teachers, will develop and facilitate policies and procedures for students to apply for CTE Programs offered at MCHS. The CTE Coordinator was responsible for tracking student grades and working to place them in the proper interventions if needed.

CTE GRANTS - PERFORMANCE REPORT

FY18 State Competitive Round 1 (308)

Agency: **Washoe County School District**

Report Submitted By:



(Signature of authorized representative)

Lauren Ohlin, Director of Grants

(Printed name of authorized representative and title)

08/27/18

(Date)

Funding Award Amount: **\$ 241,519.00** Funding Amount Used: **\$ 241,495.67**

Funding Amount Not Used: **\$ 23.33**

If not all funds were used please explain why:

Unused funds included salary and benefits only.

Overall Grant Purpose

Washoe County School District's (WCSD) goal is to prepare students for the New Nevada Economy by strategically increasing career and technical education offerings to ensure all students have access to programs aligned with workforce demand, postsecondary pathways, and living-wage career opportunities. By 2020, 50% of all high school students will be enrolled in one or more CTE classes and 1,550 students will reach program completion annually. In addition, WCSD will strategically expand the District's Career & Technical Education program of study for students to have the opportunity to complete a three-year program of study and increase the impact of each program by ensuring teachers understanding and are applying best practices for teaching and learning. The goal includes the expansion of STEM programs for Engineering, Manufacturing and Construction Technologies, the addition of industry-recognized certifications, and increased use of industry standard technology and 21st Century practices in the classroom.

How many projects were approved in the grant? **2**

Instructions:

Please complete and attach one Form J for each project.

- 1) All reports should include
 - A brief description of each project and the amount of funding used for the project.
 - Final outcomes of the evaluation methods which were described in the application.
 - Describe the results of each method. Were the objectives of the project met?
- 2) Competitive Grant reports should also include
 - How the grant funds helped increase the numbers of students who have access to complete CTE programs of study and earn the State Certificate of Skill Attainment.
- 3) CTSO Grant reports should also include
 - Number of Chapters, Student membership, and all conferences participation numbers.
 - Highlight of conference information/results.

FORM J: PROJECT OUTCOMES AND EVALUATION RESULTS

New Program Program Expansion Improvement and Support Staffing

Project Name: **FY18 Competitive #1 - CAREER EXPLORATION** Amount: **\$ 149,452.00**

Project Description

Washoe County School District's (WCSD) goal is to prepare students for the New Nevada Economy by strategically increasing career and technical education offerings to ensure all students have access to programs aligned with workforce demand, postsecondary pathways, and living-wage career opportunities. WCSD's goal is that by 2020, 50% of all high school students will be enrolled in one or more CTE classes and 1,550 students will reach program completion annually.

Goal: To increase resources and opportunities for middle and high school students to explore career opportunities and leverage their educational options to best prepare themselves for success.

Project Evaluation Methods and Outcomes

Objective 1: Expand college and career planning initiatives to include middle and high school students, parents and educators, increasing understanding of the pathways and opportunities available to prepare students for future success.

1.a. Predicted Outcome: 100% of college/career facilitators, College & Career Engagement Coordinators, and CTE counselors, as well as 70% of middle school and high school librarians, will engage in at least one activity to expand their understanding of regional workforce development and career opportunity trends.

Evaluation Method: Event attendance

Result: MET

1.b. Predicted Outcome: By the end of the grant period, at least 70% of 9th graders who qualify as non-traditional or highly impacted populations will have achieved at least a B average in their first CTE course.

Evaluation Method: Infinite Campus grading records

Result: MET - 80% B Average

Result: NOT MET - 43% B Average

Grant funds helped increase the number of students who have access to enrolling and completing CTE programs of study to earn the State Certificate of Skill Attainment by increasing the knowledge of key staff such as counselors, college/career center facilitators, librarians, parents and community members about the opportunities available to students. With this increased knowledge, these key staff people are able to provide better guidance that includes a broader range of opportunities to middle and high school students.

CTE GRANTS - PERFORMANCE REPORT

FY18

State Competitive Round 2 (309)

Agency: **Washoe County School District**

Report Submitted By:



Signature of authorized representative)

08/27/18

(Date)

Lauren Ohlin, Director of Grants

(Printed name of authorized representative and title)

Funding Award Amount: **\$ 200,781.50**

Funding Amount Used: **\$ 200,292.63**

Funding Amount Not Used: **\$ 488.87**

If not all funds were used please explain why:

Unused funds included salary and benefits only.

Overall Grant Purpose

1. To provide additional staffing for Academy for Career Education Charter High School (ACE HS) construction technologies and building trades programs of study in order to: 1) accommodate increased demand; 2) focus on high quality instruction aligned with industry and state standards; 3) provide adequate resources to ensure outreach to middle school students/parents for program enrollment in high school; and 4) support industry and postsecondary internships, apprenticeships, and career opportunities.
2. To provide additional District staffing to support manufacturing programs at eight high schools to support: 1) implementing and expanding quality manufacturing-related programs in accordance with state and industry standards; 2) developing teacher expertise in skills associated with advanced manufacturing; and 3) providing direct instruction to students at Sparks HS to continue expanding the programs most closely aligned with regional manufacturing.

How many projects were approved in the grant? **2**

Instructions:

Please complete and attach one Form J for each project.

- 1) All reports should include
 - A brief description of each project and the amount of funding used for the project.
 - Final outcomes of the evaluation methods which were described in the application.
 - Describe the results of each method. Were the objectives of the project met?
- 2) Competitive Grant reports should also include
 - How the grant funds helped increase the numbers of students who have access to complete CTE programs of study and earn the State Certificate of Skill Attainment.
- 3) CTSO Grant reports should also include
 - Number of Chapters, Student membership, and all conferences participation numbers.
 - Highlight of conference information/results.

FORM J: PROJECT OUTCOMES AND EVALUATION RESULTS

New Program Program Expansion Improvement and Support Staffing

Project Name: **FY18 Competitive #2 - CONSTRUCTION**

Amount: **\$ 57,778.00**

Project Description

To support the WCSD Strategic Plan, Envision WCSD 2020's goals, and the Governor's Workforce Development goals, the WCSD Signatures & CTE Department sought to add a Career Guidance Facilitator position to expand and support programs in Construction/Building Trades at ACE Charter High School.

Goal: To provide additional staffing for ACE Charter High School to assist in recruitment and retention, connect students to work experience opportunities, and assist students in the transition to positive post-graduation endeavors.

Project Evaluation Methods and Outcomes

Objective 1: Students who graduate from a three-year program of study in one of the Construction & Building Trades related fields will be prepared to competently interview for placement in the target job market, enroll in a post-secondary institution or long-term occupational skills training, and/or have a degree or industry-recognized credential in one of these key Nevada industries.

1.a. Predicted Outcome: At least 75% of students completing the Construction & Building Trades programs will earn a Nevada Skills Certificate.

Evaluation Method: State Testing/Skill Certificate Data

Result: MET - 81%

1.b. Predicted Outcome: At least 90% of ACE graduates will earn at least one certification or credential, such as a community college skills certificate or certificate of achievement, or an industry certification such as ASE or AWS.

Evaluation Method: Certification Data

Result: MET - 92%

Objective 2: ACE High School will increase retention rates throughout the year and between each level.

2.a. Predicted Outcome: At least 85% of the students who begin the school year will be retained through the completion of the school year.

Evaluation Method: Infinite Campus Enrollment Records

Result: MET - 85%

2.a. Predicted Outcome: At least 60% of students who entered a construction-related program of study as freshman will complete a program of study in School Year 2017-18.

Evaluation Method: Infinite Campus Enrollment Records

Result: MET - 71%

Grant funds helped increase the the number of students who have access to enrolling and completing CTE programs of study to earn the State Certificate of Skill Attainment by providing student support through a dedicated staff person. This staff person facilitates student success, retention, work-based learning experiences, and successful transition to post-graduation opportunities.

FORM J: PROJECT OUTCOMES AND EVALUATION RESULTS

New Program Program Expansion Improvement and Support | Staffing

Project Name: **FY18 Competitive #2 - MANUFACTURING**

Amount: **\$ 143,003.50**

Project Description

To support the WCSD Strategic Plan, Envision WCSD 2020's goals, and the Governor's Workforce Development goals, and workforce development needs of the Northern Nevada region, the WCSD CTE Department is seeking to expand programs in Manufacturing Technologies and lay the foundation to add programs in Automation Technology.

Goal: To provide additional District and school staffing to support implementation and expansion of quality manufacturing-related programs by supporting classroom teachers, maintaining technology, and providing direct instruction to students.

Project Evaluation Methods and Outcomes

Objective 1: Increase student access to high quality, standards-based skilled and technical programs that prepare them for career in advanced manufacturing. Increase number of underserved student populations in CTSO events/competitions.

1.a. Predicted Outcome: By the end of the program period, skilled and technical enrollment at Sparks High School will be consistent or show an increase from 2016-17.

Evaluation Method: Infinite Campus Enrollment Records Result: MET - 11% increase

1.b. Predicted Outcome: The number of completers at Sparks HS will increase by a minimum of 5%.

Evaluation Method: Infinite Campus Enrollment Records Result: NOT MET - 6% decrease

1.c. Predicted Outcome: At least 50% of completers will earn the Nevada Skills Certificate.

Evaluation Method: State Testing/Skill Certificate Data Result: MET

Objective 2: Provide oversight of Skilled & Technical programs of study related to advanced manufacturing career opportunities, as well as provide training opportunities to teachers, in order to improve quality of instruction for improved learner outcomes.

2.a. Predicted Outcome: By the end of the grant period, all teachers in manufacturing-related programs will conduct a self-assessment of his/her skill level based on the standards of the program taught and participate in at least 4 hours of training to improve areas of weakness.

Evaluation Method: Training Registration/Attendance Result: MET

2.b. Predicted Outcome: By the end of the grant period, all teachers in manufacturing-related programs will participate in district collaboration to ensure commonality in content and pacing among programs to ensure equity in access for student, regardless of the school/program they attend.

Evaluation Method: Completed Curriculum Maps/Common Assessments Result: MET

Grants funds helped increase the number of students who have access to enrolling and completing CTE programs of study to earn the State Certificate of Skill Attainment by providing staffing to increase course sections to provide direct instruction to students and providing a staffing to work directly with teachers to facilitate collaboration and ensure high quality implementation of standards-based instruction.

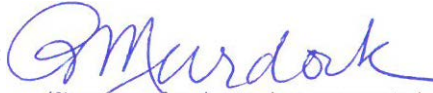
CTE GRANTS - PERFORMANCE REPORT

FY18

State Competitive Round 1 (308)

Agency: White Pine County School District

Report Submitted By:



(Signature of authorized representative)

Rebecca Murdock, Principal

(Printed name of authorized representative and title)

9/26/2018

(Date)

Funding Award Amount: \$313,262.03 **Funding Amount Used:** \$229,998.40
Funding Amount Not Used: \$83,263.63

If not all funds were used please explain why:

We were not able to find a full time teacher in Lund, and the Computer and Sports Medicine teachers were new teachers. Those positions were budgeted for higher paid personnel. We were fortunate in finding the a cost savings there, but we should have amended our request to reflect that savings.

Overall Grant Purpose

The overall purpose of this grant is to fund positions, and thus provide programs of study, that would otherwise be eliminated due to continued budget cuts in the District. Without this funding, three teaching positions would be eliminated. This would result in the loss of seven CTE programs of study for WPHS and 1 in Lund. These vital offerings were decided upon with input from community members and data from the OWINN report and Consensus Ranking of CTE Programs to better meet the needs of students and our community employers.

How many projects were approved in the grant? 4

Instructions:

Please complete and attach **one** Form J for each project.

- 1) All reports should include
 - A brief description of each project and the amount of funding used for the project.
 - Final outcomes of the evaluation methods which were described in the application.
 - Describe the results of each method. Were the objectives of the project met?
- 2) Competitive Grant reports should also include
 - How the grant funds helped increase the numbers of students who have access to complete CTE programs of study and earn the State Certificate of Skill Attainment.
- 3) CTSO Grant reports should also include
 - Number of Chapters, Student membership, and all conferences participation numbers.
 - Highlight of conference information/results.

FORM J: PROJECT OUTCOMES AND EVALUATION RESULTS

New Program Program Expansion Improvement and Support Staffing

Project Name: WPHS Automotive Service Technician/Diesel Technology Amount: \$90,120.47

Project Description

White Pine requested the funding for the salary and benefits for a FTE teacher to continue the new programs of Automotive Service Technician and Diesel Technology. Without funding, the two programs would be eliminated by budget cuts and replaced with nothing. A large population of students will be able to continue in their career paths and expand to additional programs. The addition of the Diesel program increased enrollment in CTE programs at WPHS. In addition to the funding of the FTE, WPCSD applied for and received other grant money for equipment to expand and support these programs.

Project Evaluation Methods and Outcomes

Many of the objectives and outcomes were predicated upon enrollment in the courses. The following action steps were taken in order to ensure that the measurable outcomes would be met.

- Examine pre-registration numbers for the programs in June, July, and August
- Conduct social media blitz, parent and student information night, and product showcase
- Meet with students and parents through Advisory conferences during the registration process
- Conduct one on one counseling meetings with parents and students during the completer year, promoting CTE and studying diligently for both CTE assessments
- Conduct CTE assembly during the school year
- Provide students with individual tutoring in preparation for the assessments

Specific Outcomes:

Enrollment projections were not met as regards getting females into the programs. First year enrollment in AST was near the target, but Diesel was far below. 3 of the 5 students taking the completer course passed it and earned certification. They had to take on extra studies to meet the qualifications after their former program of study was replaced with AST as upper classmen. Only two of the five passed the WRS assessment.

Enrollment in new programs were increased by the very fact that the programs didn't exist prior to this funding. 73 students at WPHS, about 20% of the student body, enrolled in one of the Auto or Diesel courses.

FORM J: PROJECT OUTCOMES AND EVALUATION RESULTS

New Program Program Expansion Improvement and Support Staffing

Project Name: WPHS Computer Science, Web Design and Development, and IT Amount: \$99,129.75

Project Description

Through an analysis of needs in White Pine and across the state, it was time to replace programs with ones that are in higher demand and could potentially result in more opportunities for graduates. At the time of this application, three programs were to be eliminated by budget cuts. This grant allowed the District to replace those programs by funding the FTE instructor. Through CTE recruitment and advertising, students enrolled in actual Programs of Study rather than simply taking the required 0.5 computer credit for graduation. By expanding the technology offerings, there will be a higher completion rate by default in these particular programs. In addition to this funding, other grant money was used to purchase new computer stations for the classroom.

Project Evaluation Methods and Outcomes

Many of the objectives and outcomes were predicated upon enrollment in the courses. The following action steps were taken in order to ensure that the measurable outcomes would be met.

- Examine pre-registration numbers for the programs in June, July, and August
- Conduct social media blitz, parent and student information night, and product showcase
- Meet with students and parents through Advisory conferences during the registration process
- Conduct one on one counseling meetings with parents and students during the completer year, promoting CTE and studying diligently for both CTE assessments
- Conduct CTE assembly during the school year
- Provide students with individual tutoring in preparation for the assessments

Specific Outcomes:

Enrollment projections were met for first year courses. There is, however, still a significant decrease in the number of students continuing to second year coursework in the three programs. Web Design and Development is the most popular, and students are requesting courses in gaming and graphic design rather than Computer Science. This request has been referred to the Technical Advisory Committee for review this year. No students have reached completer courses yet to evaluate pass rates on assessments.

Enrollment in new programs were increased by the very fact that the programs didn't exist prior to this funding. 92 students at WPHS, about 25% of the student body, enrolled in one of the technology courses funded through this grant.

FORM J: PROJECT OUTCOMES AND EVALUATION RESULTS

New Program Program Expansion Improvement and Support Staffing

Project Name: WPHS Health Sciences

Amount: \$100,205.75

Project Description

The Health Sciences program at WPHS has been historically the most successful as defined by the percentage of graduates of the program being employed in a Health Sciences related field. The purpose of this grant request was to expand the program into being a true "magnet" to students in the school by offering CNA and Sports Medicine in our state of the art \$2.1 million Health Science wing. With the Sports Medicine component, the school desires to dramatically increase the proportion of non-traditional participants in the programs.

Project Evaluation Methods and Outcomes

Many of the objectives and outcomes were predicated upon enrollment in the courses. The following action steps were taken in order to ensure that the measurable outcomes would be met.

- Examine pre-registration numbers for the programs in June, July, and August
- Conduct social media blitz, parent and student information night, and product showcase
- Meet with students and parents through Advisory conferences during the registration process
- Conduct one on one counseling meetings with parents and students during the completer year, promoting CTE and studying diligently for both CTE assessments
- Conduct CTE assembly during the school year
- Provide students with individual tutoring in preparation for the assessments

Specific Outcomes:

Enrollment projections were nearly met for first year courses, doubling past enrollments. Enrollment in the CNA program remained steady to past years. The number of males students in the Health Science I classes did not meet the desired outcome, however, of the students electing to take Sports Medicine as a stand alone course, 38% were male. This number would suggest that our desired outcome to increase non-traditional students in this department is on course to be met. 88% of the students taking the Nursing Assistant Assessment passed. 75% passed the WRS Assessment.

Enrollment in new programs were increased by the very fact that the programs didn't exist prior to this funding. 54 students at WPHS, about 15% of the student body, enrolled in one of the Health Sciences courses funded through this grant.

FORM J: PROJECT OUTCOMES AND EVALUATION RESULTS

New Program

Program Expansion

Improvement and Support

Staffing

Project Name: Lund Agricultural and Natural Resources Expansion

Amount:

\$23,806.06

Project Description

The economy of Lund is based heavily on agriculture. This project allows WPCSD to meet the heavy demand for education related to this field. The District asked for 0.33 FTE funding to expand the current offering of Agricultural Science I into the Ornamental Horticulture/Greenhouse Management Program of Study. Previous to this grant, and despite statewide objectives through the STIP to provide opportunities, students in Lund had no Program of Study which would allow students to earn some type of industry certification. With this project, students now can move through the pathway as defined in the Program of Study, culminating with Greenhouse Management. Lund already had a fully functioning and impressive greenhouse thanks to previous CTE grants. The program expansion, bringing in part time teachers who already have expertise in the industry, would allow the existing greenhouse's potential to be maximized and for students to earn industry certification.

This same funding allowed for a new Program of Study to be offered: Agricultural Mechanics Technology. This allows another potential industry certification to allow students to graduate College and Career Ready. They would have the opportunity to progress to the terminal course and enter into high wage, high skill jobs such as welders, agriculture engineers, machinists, and equipment managers.

Project Evaluation Methods and Outcomes

Many of the objectives and outcomes were predicated upon enrollment in the courses. The following action steps were taken in order to ensure that the measurable outcomes would be met.

- Examine pre-registration numbers for the programs in June, July, and August
- Conduct social media blitz, parent and student information night, and product showcase
- Meet with students and parents through Advisory conferences during the registration process
- Conduct one on one counseling meetings with parents and students during the completer year, promoting CTE and studying diligently for both CTE assessments
- Conduct CTE assembly during the school year
- Provide students with individual tutoring in preparation for the assessments

Specific Outcomes:

9 of the 12 LHS students were enrolled in the Horticulture class. 6 of those 9, 66%, were male. 8 of the 12 students were enrolled in Agricultural Mechanics Technology. All but one were male.

Enrollment in new programs were increased by the very fact that the programs didn't exist prior to this funding.

Part IV: State Allocation Funds

Of the total funds available, \$8,780,675.40 was set aside for allocation grants for the purposes described earlier in this report. The table below shows the total amounts requested, the amounts awarded, and the amounts expended by school district.

School District	Amount Awarded	Amount Expended.
Carson City	176,332.19	175,639.41
Churchill	108,469.33	106,137.57
Clark	6,611,622.63	6,598,375.36
Douglas	153,525.82	150,271.84
Elko	286,581.52	255,789.82
Eureka	5,896.28	0.00
Humboldt	84,216.70	83,972.72
Lander	18,022.60	17,107.81
Lincoln	46,391.50	44,841.51
Lyon	194,243.53	154,160.50
Mineral	8,343.79	8,283.72
Nye	113,030.60	110,691.52
Pershing	12,682.57	12,094.40
Storey*	0.00	0.00
Washoe	926,717.42	923,681.89
White Pine	34,598.93	27,576.97
Totals	8,780,675.41	8,668,625.04
	Unexpended	112,050.37

NOTE: Descriptions of expenditures and outcomes by each participating school district are shown in the school district reports below. Unexpended funds revert to the state. The reasons funds were unexpended are provided for each grant as part of the district reports below.

STATE CTE GRANTS - PERFORMANCE REPORT

FY18 Allocation

Agency: **CARSON CITY SCHOOL DISTRICT**

Report Submitted By:


(Signature of authorized representative)

(Date) 9/28/18

Amy Freismid
(Printed name of authorized representative and title)

Funding Award Amount: \$ 176,332.19

Funding Amount Used: \$ 172,614.34

Funding Amount Not Used: **\$3,717.85**

If not all funds were used please explain why:

Remaining unexpended funds were primarily due to textbooks for Health Science that were ordered, placed on backorder by the vendor, then were not able to be received prior to the year end deadline of June 30, 2018.

Overall Grant Purpose

Funds from FY 2018 Allocation supported the improvement and support in the following project areas: CTE General, Agriculture and Natural Resources, Information and Technology, and Skilled and Technical Science. Funds from FY 2018 Allocation also supported program expansion in Health Science.

How many projects were approved in the grant? **5**

Instructions:

Please complete and attach one Form J for each project.

- 1) All reports should include
 - A brief description of each project and the amount of funding used for the project.
 - Final outcomes of the evaluation methods which were described in the application.
 - Describe the results of each method. Were the objectives of the project met?
- 2) Competitive Grant reports should also include
 - How the grant funds helped increase the numbers of students who have access to complete CTE programs of study and earn the State Certificate of Skill Attainment.

FORM J: PROJECT OUTCOMES AND EVALUATION RESULTS

New Program Program Expansion Improvement and Support Staffing

Project Name: **CTE Allocation-CTE General** Amount: **\$ 44,987.19**

Project Description

Funds were used to assist Carson City School District CTE programs to increase focus and opportunities for CTE programs to align with the economic and workforce development evidenced by data from regional economic development authorities; provide opportunities for program alignment with post secondary/industry credentials; target and implement strategies designed to improve program completion rates; and support student program improvement at schools with student populations most at-risk.

Project Evaluation Methods and Outcomes

- a) Align programs with economic and workforce development: The CTE programs in the Carson City School District consist of eighteen complete programs of study within six Career Clusters at Carson High School and one Health Science/Health Information Management program at Pioneer High School. Nine of the nineteen programs of study are in direct alignment with economic and workforce development. In addition, 98.6% of students demonstrated mastery of employability skills as assessed by the Workplace Readiness Skills Assessment, further aligning with essential components of workforce development.
- b) Align programs with post secondary/industry credentials: Programs in the Carson City School District align with post secondary programs and provide students with the opportunity to earn college credits through the CTE College Credit policy. In addition, 50 students in each of the Welding and Engineering programs earned OSHA 10 industry credential cards, 106 in the Culinary Arts program earned Food Handlers Permits, and 120 Health Sciences students earned CPR certification. These entry level industry certifications provide immediate opportunities for entry level employment positions and set a precedent with students to continue to set and meet goals for attainment of industry certifications.
- c) Improve program completion rates: The district implemented strategies to increase the number of completers in programs by committing to and utilizing prep buyouts in order to increase opportunities for students to enroll in Level 2 and Level 3 classes, increasing enrollment by 70 students. A Program Review Committee was created in the fall with the goal of training and supporting guidance counselors using the Quality Program Standards. Counselors reviewed programs of study for better understanding of course sequence, articulation to NSHE institutions, and criteria for earning Certificate of Skill Attainment. Efforts in this area netted a certificate of skill attainment percentage of 62.34% which is 9.57% above the state average. Teachers engaged in data driven dialogue discussions, focusing on key elements of the Quality Program Standards, grading practices designed for student success-including opportunities for remediation and retake, co-planning and collaboration on common lessons, on a bi-monthly basis during scheduled PLC time. In alignment with Quality Program Standard 5, a marketing firm was hired to highlight teachers, students, programs, accomplishments, and activities associated with all Carson City School District CTE programs.
- d) Support program improvement for all student populations: The Health Information Management Program of Study at Pioneer High School targets students most at risk for graduation and chronic absenteeism. Carson High School has a FRL population of 40%. Four percent of CTE students are LLP with special needs, 6.5% are IEP students, and 2% are McKinney Vento eligible.

FORM J: PROJECT OUTCOMES AND EVALUATION RESULTS

New Program Program Expansion Improvement and Support Staffing

Project Name: **CTE Allocation-Agriculture and Natural Resources** Amount: **\$ 7,540.00**

Project Description

Funds were used to assist students enrolled in the full schedule of programs of study in Agriculture and Natural Resources. Opportunities afforded to students in plant science, veterinary science, greenhouse management, and agriculture leadership support students' honing their critical thinking and problem solving skills; assist in maintaining the critical partnerships with The Greenhouse Project, local veterinarians, and the Carson High School Culinary Arts program; reinforce key expectations of employability and workplace readiness; and provide application of industry-level skills learned in the classroom setting to a real-life setting in the greenhouse located on campus and at various veterinary clinics in Carson City. Students are active members of the Capitol FFA chapter where they learn important aspects of leadership and collaboration, participate and compete in state and national leadership conferences and competitions, and complete high quality Student Agriculture Experiences.

Project Evaluation Methods and Outcomes

a) Students in plant science and greenhouse management work in the greenhouse on a regular basis, planting, maintaining, and harvesting vegetables which The Greenhouse Project donates to local service organizations who support the food insecure. Additional harvests support the Culinary Arts at Carson High School. Annuals and perennials grown and maintained by agriculture students are sold at the Carson City Farmers Market. Students also plant and maintain the seventy-seven petunia baskets which TGP markets to local businesses. FFA students utilize their customer service and employability skills when working the various plant sales held at the greenhouse. Veterinary Science students job shadow with three veterinarians in Carson City.

b) Capitol FFA chapter members were active participants and competitors in various state and nationally sponsored activities including: Green Hand Conference, Zone Competition, State FFA Conference, National FFA Conference. Highlights include the Capitol FFA Nursery and Landscape Management Team earned a first place award, second and third place high individuals and will compete National FFA Conference in October 2018. The Capitol FFA Soils Team competed in National Land and Range Judging in Oklahoma City, OK in April 2018. Students enrolled in the agriculture program completed 284 Supervised Agriculture Experiences.

The five Programs of Study in Agriculture all achieved Program of Excellence status in the 2017-2018 Quality Program Standards Review.

FORM J: PROJECT OUTCOMES AND EVALUATION RESULTS

New Program Program Expansion Improvement and Support Staffing

Project Name: **CTE Allocation-Health Science**

Amount: **\$ 56,910.00**

Project Description

The programs of study in Health Sciences are aligned to the OWINN's vision of driving a skilled, diverse, and aligned workforce in the State of Nevada and support the demand for Health Care and Medical Services identified by GOED as industry priority occupations. Funds were used to add teacher prep periods, therefore increasing the number of students enrolled in the Health Science programs of study and opportunities for students to earn the Certificate of Skill Attainment and articulated credit. Students at both Carson High School and Pioneer High School are active HOSA members, participating in state and national competitions. Partnership with the Carson City Fire Department yielded opportunities for students to job shadow.

Project Evaluation Methods and Outcomes

Prep period buy outs allowed for an increase in the number of sections of Health Science to increase to 16 at Carson High School and 3 at Pioneer High School. Programs of Study in Health Sciences now include: Sports Medicine, Pharmacy Practice, Emergency Medical Technician, Health Information Management, and Certified Nurse Assistant. Thirty-five students participated in job shadows with the Carson City Fire Department. One hundred fourteen HOSA members participated in state competition. Twenty-seven Carson High School HOSA members competed nationally. Eight Pioneer High School HOSA members competed at state competition. Students who successfully completed a three year sequence in Health Science were extended an enrollment opportunity at WNC for their fourth year of Advanced Studies. As a result, four CNA students earned dual credit at WNC. The four Programs of Study in Health Science achieved Program of Excellence status in the 2017-2018 Quality Program Standard Review.

FORM J: PROJECT OUTCOMES AND EVALUATION RESULTS

New Program Program Expansion Improvement and Support Staffing

Project Name: **CTE Allocation-Information and Technology**

Amount: **\$ 34,355.00**

Project Description

The programs of study in Information and Technology support the demand for Information Technology Skills identified by GOED as industry priority occupations. Funds were used to assist students enrolled in the Information and Media Technologies Programs of Study provide services for the school and community which, in turn, support students' honing their critical thinking and problem solving skills, supports the ongoing cultivation and maintenance of critical partnerships, reinforce key expectations of employability and workplace readiness, and provide application of industry-level skills learned in the classroom setting to a real-life settings on campus and in the community. Students in Information and Technology programs of study compete in SkillsUSA at the state and national level. The Information and Technology Programs of Study are popular, grow in enrollment, and consistently have high technical skills and workplace readiness assessment pass rates, and awards of Certificate of Skill Attainment.

Project Evaluation Methods and Outcomes

- a) Services and Support to school and community: Two Advanced Studies students in IT Service and Support served as pilot interns on the Carson High School campus, working with the site technology specialist to repair and maintain student Chrome books and other campus computer technology. In addition, these interns worked on their computer network skills, troubleshooting and problem solving in classrooms. Students in Level 3 and Advanced Studies Web Design maintain the Carson High School website, updating and troubleshooting on a consistent basis. Level 3 and Advanced Studies students in Graphic Design worked with community partners such as The Greenhouse Project to provide graphic projects embedded in the Greenhouse Project's sales and marketing program. Level 2, Level 3 and Advanced Students in Photography provide portrait services for large community events such as the Carson High School Craft Fair where they take Santa photos, and Carson High School Father-Daughter Dance where they take family portraits.
- b) SkillsUSA: A program record of 41 participated in a variety of SkillsUSA competitions at State SkillsUSA competition in Reno in April. Three students participated and the Bulletin Board competition at National SkillsUSA competition and were awarded 3rd place.
- c). Certificates of Skill Attainment were awarded to 100% of students in Web Design, 100% in Graphic Design, 65% of students in Photography, and 54% of students in IT Service and Support. The four Programs of Study in Information and Technology all achieved Program of Excellence status in the 2017-2018 Quality Program Standards Review.

FORM J: PROJECT OUTCOMES AND EVALUATION RESULTS

New Program Program Expansion Improvement and Support Staffing

Project Name: **CTE Allocation-Skilled and Technical Science** Amount: **\$ 8,870.00**

Project Description

Curricula focused on engineering concepts and applications, manufacturing, and welding in the programs of study in Skilled and Technical Sciences support the demand for manufacturing and logistics identified by GOED as industry priority occupations. Funds for Skilled and Technical Science were used for project-based learning opportunities which reinforce key expectations of employability which includes: critical thinking, problem solving skills, and collaboration vital to workforce development. In addition, students in Skilled and Technical Sciences earned industry standard entry level certification.

Project Evaluation Methods and Outcomes

PLTW Introduction to Engineering and Principles of Engineering curricula is largely project based. Students utilized not only the digital learning platform in PLTW, but also hands on activities designed to activate student background knowledge, foster collaboration, and apply the digital concepts to physical projects, challenging students' critical thinking and problem solving skills. Level 1 students in PLTW Introduction to Engineering, Level 1 students in Welding Technologies, and Levels 1 and 2 Manufacturing Technologies earned OSHA 10 certification cards. PLTW Computer Integrated Manufacturing, which is the Level 3 completer for Mechanical Engineering, has a current enrollment of thirty students. Civil Engineering and Architecture, in its second year at Carson High School, has an enrollment of 21. Certificates of Skill Attainment for Civil Engineering and Architecture were awarded to 57% of students enrolled in 2017-2018.

The Welding Technologies Program of Study achieved Program of Excellence status in the 2017-2018 Quality Program Standards Review. Civil Engineering and Architecture and Manufacturing Technologies programs of study were not rated in the Quality Programs Standards review.

STATE CTE GRANTS - PERFORMANCE REPORT

FY18 Allocation

Agency: **Churchill County School District**

Report Submitted By:


(Signature of authorized representative)

Kimi Melendy, Director of Educational Services

(Printed name of authorized representative and title)

01/07/19

(Date)

Funding Award Amount: **\$ 108,469.33** Funding Amount Used: **\$ 106,137.57**

Funding Amount Not Used: **\$ 2,331.76**

If not all funds were used please explain why:

Due to staffing changes at the time, this was an oversight.

Overall Grant Purpose

Churchill County School District values the Career and Technical Education (CTE) program at Churchill County High School. It is the only program in the county that provides youth an opportunity to receive an education focused on career in an area utilizing technical skills but also prepares a student to attend an Institution of higher learning. The Churchill County High School (CCHS) offers high quality curriculum and Instruction, which are aligned with the Nevada Career and Technical Education (CTE) course sequences standards, as outlined in the Nevada State Department of Education Program of Study, and according to the State of Nevada's priorities for economic and workforce development. Continuing to maintain these programs is the overall grant purpose.

How many projects were approved in the grant? **7**

Instructions:

Please complete and attach **one** Form J for each project.

- 1) All reports should include
 - A brief description of each project and the amount of funding used for the project.
 - Final outcomes of the evaluation methods which were described in the application.
 - Describe the results of each method. Were the objectives of the project met?
- 2) Competitive Grant reports should also include
 - How the grant funds helped increase the numbers of students who have access to complete CTE programs of study and earn the State Certificate of Skill Attainment.
- 3) CTSO Grant reports should also include
 - Number of Chapters, Student membership, and all conferences participation numbers.
 - Highlight of conference information/results.

FORM J: PROJECT OUTCOMES AND EVALUATION RESULTS

New Program Program Expansion Improvement and Support Staffing

Project Name: **Agriculture and Natural Resources (CTE Allocated)** Amount: **\$ 15,667.79**

Project Description

Through the grant the Agriculture and Natural Resources programs received funds to enrich the existing program. The following items were purchased: Miller welder, English wheel anvil, fastener kits, ratchets, hoist lift, led grow light, stationery bench, crimp bead roller machine, a tig welder as well as other tools related to the program. Instructors and students also attended Skills USA competitions and Nevada FFA State conventions. In addition, other other money was used for over grant support that included administrative supplies, salaries and benefits. This also included substitute salary and benefits.

Project Evaluation Methods and Outcomes

Teachers are required to conduct the Program Quality Criteria Assessment for their individual programs, to identify where there are areas that need attention. This assessment gives them the opportunity to request updates to their program, make changes to the instruction, and other CTE elements to improve their program for student retention. The teacher requested the need for additional tools. Evaluation is most effective if it is used to make significant changes. The CTE program has identified that there are areas of improvement needed for the CTE program, including counseling, to include course and academic planning, student monitoring, partnerships, accountability, and retention/completion. Counselors have been requested to increase academic planning with students, the CTE Coordinator will improve the student monitoring, and teachers will assist with accountability for student success for retention and completion.

FORM J: PROJECT OUTCOMES AND EVALUATION RESULTS

New Program Program Expansion Improvement and Support Staffing

Project Name: **Architecture & Construction (CTE Allocated)** Amount: **\$ 16,293.15**

Project Description

Through the grant the Architecture & Construction programs received funds to enrich the existing programs: The following items were purchased: Fluke digital meters (Auto), planers, misc. tools (Construction), Dell Laptop, adjustable desk, paper (Drafting) as well as other accessories. The Construction teacher also attending the NACTE conference. In addition, other other money was used for over grant support that included administrative supplies, salaries and benefits. This also included substitute salary and benefits.

Project Evaluation Methods and Outcomes

Teachers are required to conduct the Program Quality Criteria Assessment for their individual programs, to identify where there are areas that need attention. This assessment gives them the opportunity to request updates to their program, make changes to the instruction, and other CTE elements to improve their program for student retention. The teacher requested the need for additional tools. Evaluation is most effective if it used to make significant changes. The CTE program has identified that there are areas of improvement needed for the CTE program, including counseling, to include course and academic planning, student monitoring, partnerships, accountability, and retention/completion. Counselors have been requested to increase academic planning with students, the CTE Coordinator will improve the student monitoring, and teachers will assist with accountability for student success for retention and completion.

FORM J: PROJECT OUTCOMES AND EVALUATION RESULTS

New Program Program Expansion Improvement and Support Staffing

Project Name: **Arts, A/V, Tech & Comm (CTE Allocated)**

Amount: **\$ 13,914.89**

Project Description

Through the grant the Arts, A/V, Technology and Communication program received funds to enrich the existing program. The following items were purchased: Kellser Crane Pocket dolly and tri-pod, Canon camera, lenses, memory cards, cables, adapters, microphones, reader/writers, view finders, battery packs, battery grips, LED lights, lapel clips, backpack, tilt head, lens cleaning kits and other accessories. This Instructor and students also attended SkillsUSA competitions. In addition, other other money was used for over grant support that included administrative supplies, salaries and benefits. This also included substitute salary and benefits.

Project Evaluation Methods and Outcomes

Teachers are required to conduct the Program Quality Criteria Assessment for their individual programs, to identify where there are areas that need attention. This assessment gives them the opportunity to request updates to their program, make changes to the instruction, and other CTE elements to improve their program for student retention. The teacher requested the need for additional tools. Evaluation is most effective if it used to make significant changes. The CTE program has identified that there are areas of improvement needed for the CTE program, including counseling, to include course and academic planning, student monitoring, partnerships, accountability, and retention/completion. Counselors have been requested to increase academic planning with students, the CTE Coordinator will improve the student monitoring, and teachers will assist with accountability for student success for retention and completion.

FORM J: PROJECT OUTCOMES AND EVALUATION RESULTS

New Program Program Expansion Improvement and Support Staffing

Project Name: **Business and Administration (CTE Allocated)** Amount: **\$ 16,309.11**

Project Description

Through the grant the Business and Administration program funds to enrich the existing program. The following items were purchased: paper of all sizes, numerous Ink, print heads and text books. This Instructor and students also attended SkillsUSA competitions. In addition, other money was used for over grant support that included administrative supplies, salaries and benefits. This also included substitute salary and benefits.

Project Evaluation Methods and Outcomes

Teachers are required to conduct the Program Quality Criteria Assessment for their individual programs, to identify where there are areas that need attention. This assessment gives them the opportunity to request updates to their program, make changes to the instruction, and other CTE elements to improve their program for student retention. The teacher requested the need for additional tools. Evaluation is most effective if it is used to make significant changes. The CTE program has identified that there are areas of improvement needed for the CTE program, including counseling, to include course and academic planning, student monitoring, partnerships, accountability, and retention/completion. Counselors have been requested to increase academic planning with students, the CTE Coordinator will improve the student monitoring, and teachers will assist with accountability for student success for retention and completion.

FORM J: PROJECT OUTCOMES AND EVALUATION RESULTS

New Program Program Expansion Improvement and Support Staffing

Project Name: **Health Science (CTE Allocated)**

Amount: **\$ 16,846.96**

Project Description

Through the grant the Health Science program received funds to enrich the existing program. The following items were purchased: Face shields, practice shields, AHA provider manuals, adult manikin, practice trainers, Heart-saver first aid CPR/AED workbooks, thermometers, hospital scales, manikin replacement parts, Health Center21 on-line curriculum, as well as other tools related to the program. Instructors and students also attended Skills USA and HOSA competitions. In addition, other other money was used for over grant support that included administrative supplies, salaries and benefits. This also included substitute salary and benefits.

Project Evaluation Methods and Outcomes

Teachers are required to conduct the Program Quality Criteria Assessment for their individual programs, to identify where there are areas that need attention. This assessment gives them the opportunity to request updates to their program, make changes to the instruction, and other CTE elements to improve their program for student retention. The teacher requested the need for additional tools. Evaluation is most effective if it used to make significant changes. The CTE program has identified that there are areas of improvement needed for the CTE program, including counseling, to include course and academic planning, student monitoring, partnerships, accountability, and retention/completion. Counselors have been requested to increase academic planning with students, the CTE Coordinator will improve the student monitoring, and teachers will assist with accountability for student success for retention and completion.

FORM J: PROJECT OUTCOMES AND EVALUATION RESULTS

New Program Program Expansion Improvement and Support Staffing

Project Name: **Hospitality and Tourism (CTE Allocated)**

Amount: **\$ 26,613.89**

Project Description

Through the grant the Hospitality and Tourism received funds to enrich the existing program. The following items were purchased: Kitchen demolition, cabinet removal and installation of two (2) new ranges and hoods, char broiler, three (3) butcher block tables, chef coats/pants/hats, kitchen towels, as well as other tools related to the program. Instructor and students also attended Skills USA competitions, as well as NACTE. In addition, other other money was used for over grant support that included administrative supplies, salaries and benefits. This also included substitute salary and benefits.

Project Evaluation Methods and Outcomes

Teachers are required to conduct the Program Quality Criteria Assessment for their individual programs, to identify where there are areas that need attention. This assessment gives them the opportunity to request updates to their program, make changes to the instruction, and other CTE elements to improve their program for student retention. The teacher requested the need for additional tools. Evaluation is most effective if it used to make significant changes. The CTE program has identified that there are areas of improvement needed for the CTE program, including counseling, to include course and academic planning, student monitoring, partnerships, accountability, and retention/completion. Counselors have been requested to increase academic planning with students, the CTE Coordinator will improve the student monitoring, and teachers will assist with accountability for student success for retention and completion.

FORM J: PROJECT OUTCOMES AND EVALUATION RESULTS

New Program Program Expansion Improvement and Support Staffing

Project Name: **Information Technology (CTE Allocated)**

Amount: **\$ 491.78**

Project Description

Through the grant the Computer Science program received funds to enrich the existing program. The following items were purchased: Brother Duplex printer and toner.

Project Evaluation Methods and Outcomes

Teachers are required to conduct the Program Quality Criteria Assessment for their individual programs, to identify where there are areas that need attention. This assessment gives them the opportunity to request updates to their program, make changes to the instruction, and other CTE elements to improve their program for student retention. The teacher requested the need for additional tools. Evaluation is most effective if it used to make significant changes. The CTE program has identified that there are areas of improvement needed for the CTE program, including counseling, to include course and academic planning, student monitoring, partnerships, accountability, and retention/completion. Counselors have been requested to increase academic planning with students, the CTE Coordinator will improve the student monitoring, and teachers will assist with accountability for student success for retention and completion.

STATE CTE GRANTS - PERFORMANCE REPORT

FY18

Allocation

Agency: **CCSD**

Report Submitted By:



10/03/18

(Signature of authorized representative)

(Date)

Edward T Goddard

(Printed name of authorized representative and title)

Funding Award Amount: **\$ 6,611,622.63**

Funding Amount Used: **\$ 6,597,472.76**

Funding Amount Not Used: **\$ 14,149.87**

If not all funds were used please explain why:

Funds were spent down as close to \$0 as possible while leaving a small amount available for any last minute pricing adjustments needed to close out purchases with the Purchasing Department.

Overall Grant Purpose

See attached Form J's

How many projects were approved in the grant? 14

Instructions:

Please complete and attach **one** Form J for each project.

- 1) All reports should include
 - A brief description of each project and the amount of funding used for the project.
 - Final outcomes of the evaluation methods which were described in the application.
 - Describe the results of each method. Were the objectives of the project met?
- 2) Competitive Grant reports should also include
 - How the grant funds helped increase the numbers of students who have access to complete CTE programs of study and earn the State Certificate of Skill Attainment.

FORM J: PROJECT OUTCOMES AND EVALUATION RESULTS

New Program

Program Expansion

Improvement and Support

Staffing

Project Name: **AG Improvement/Support**

Amount: **\$ 3,400.00**

Project Description

Agriculture at Sandy Valley

The Clark County School District (CCSD) Career and Technical Education (CTE) department request funding during the 2017-2018 school year to improve the Agriculture program at Sandy Valley HS through the purchase of horticulture books, FFA blazers, and personal protective equipment.

Project Evaluation Methods and Outcomes

Expected outcomes include:

- 10% increase in the number of Agriculture students earning the CTE Skill Attainment Certificate during the 2017-2018 school year.

There was a 33% decrease in certificate earners at Sandy Valley but a 83.6% increase in all Agricultural related certificates district wide.

- 50% of students enrolled in Agriculture programs will progress to the next level within the program of study for the 2018-2019 school year.

57.4% of students in Level 1(L1) progressed to Level 2 (L2) courses and 98.5% of L2 enrollments progressed to Level 3 (L3) in Agricultural programs for the 2018-2019 school year, representing an overall progression of 68%.

- 90% of Agriculture teachers will attend professional development in the 2017-18 school year and will report that the training's met their needs.

75% of the teachers attended professional development for the 2017-18 school year.

FORM J: PROJECT OUTCOMES AND EVALUATION RESULTS

New Program

Program Expansion

Improvement and Support

Staffing

Project Name: **B&M Improvement/Support**

Amount: **\$ 56,134.00**

Project Description

The Clark County School District (CCSD) Career and Technical Education (CTE) department request funding during the 2017-2018 school year to improve the following business and marketing programs: Marketing at Arbor View, Coronado, Desert Oasis, Palo Verde and Virgin Valley; Administrative Services at Global Community; and High School of Business at West CTA. Marketing has continued to be a strong program in the business and marketing strand. In 2016-17, 30% of the CTE programs at Arbor View were in business/marketing, 20% at Desert Oasis, 24% at Palo Verde and 19% at Virgin Valley. Coronado started its Marketing program in the 2016-17 school year by offering the course Principles of Business and Marketing and will have L2 enrollment during the 2017-18 school year. Global Community is expected to expand its offering of the Business Software Applications course to the full pathway.

Project Evaluation Methods and Outcomes

Expected outcomes include:

- 10% increase in the number of Business and Marketing students earning the CTE Skill Attainment Certificate during the 2017-2018 school year.

The number of Business and Marketing students earning CTE Skill Attainment Certificates in the 2017-18 school year increased by 44%.

- 50% of students enrolled in Business and Marketing programs will progress to the next level within the program of study for the 2018-2019 school year.

31.5% of students in Level 1(L1) progressed to Level 2 (L2) courses and 59.9% of L2 enrollments progressed to Level 3 (L3) in Business and Marketing programs for the 2018-2019 school year, representing an overall progression of 37.1%.

FORM J: PROJECT OUTCOMES AND EVALUATION RESULTS

New Program

Program Expansion

Improvement and Support

Staffing

Project Name: **Central Support**

Amount: **\$ 63,000.00**

Project Description

The Clark County School District Grants Development & Administration Department provides services to support the Career & Technical Education Department in the areas of grant writing, budget amendment, and fiscal monitoring services.

Project Evaluation Methods and Outcomes

The Grant Coordinator fulfilled all responsibilities associated with the administration of this grant.

FORM J: PROJECT OUTCOMES AND EVALUATION RESULTS

New Program

Program Expansion

Improvement and Support

Staffing

Project Name: **College & Career Centers**

Amount: **\$ 1,334,187.00**

Project Description

State funding will provide support staff to work in partnership with CTE teachers and school counselors to integrate career planning opportunities, employability skills instruction, postsecondary education and training options and college and career centers. Nevada Quality Program Standards 1:00 Career Guidance ensures that students enrolled in CTE courses/programs have access to career planning. The schools supported in this project are: ATA, Arbor View, Basic, Bonanza, Boulder City, Canyon Springs, Centennial, Chaparral, Cheyenne, Cimarron-Memorial, Clark, Coronado, Desert Oasis, Desert Pines, Durango, ECTA, Eldorado, Foothill, Green Valley, Las Vegas, LVA, Laughlin, Legacy, Moapa Valley, Mojave, NWCTA, Palo Verde, Rancho, Sandy Valley, SECTA, Shadow Ridge, Sierra Vista, Silverado, Spring Valley, Sunrise, SWCTA, Virgin Valley, WCTA, West Prep, and Western HS.

Project Evaluation Methods and Outcomes

The College and Career Centers supported a combined 32 College & Career Fairs at their respective schools. During CTE Month in February, approximately 1,100 students participated in National Job Shadow Day on February 2 and throughout the month by visiting local organizations and experiencing what "A Day in the Life of a..." was and learned first hand from employees what their job entailed. In May, in collaboration with OWINN, a Student Workforce and Innovation Summit was held where over 200 high school seniors learned about various career options available after high school and participated in a resume skills and a social-emotional learning communication workshop.

FORM J: PROJECT OUTCOMES AND EVALUATION RESULTS

New Program

Program Expansion

Improvement and Support

Staffing

Project Name: **CTSO Travel**

Amount: **\$ 642,244.42**

Project Description

Clark County School District provides all students enrolled in career and technical education courses the opportunity to build leadership skills and positive employability traits through career and technical student organizations (CTSOs). These organizations are essential in providing teachers with student recruitment resources, simulations and work-based learning experiences for students. CCSD supports the following state and national CTSOs:

FFA - Agriculture & Natural Resources,
DECA - Business & Marketing Education,
FBLA - Business & Marketing Education,
FCCLA - Education, Hospitality & Human Resources,
HOSA - Health Science & Public Safety,
SkillsUSA - Information Media Technologies, Skilled & Technical Sciences

Project Evaluation Methods and Outcomes

Goals: State funding support for CCSD career and technical organizations will:

- Increase student engagement in career and technical education courses
- Enable students to achieve high academic and occupational standards
- Provide a connection between school-based learning and real world experiences
- Motivate youth to become better students and productive citizens
- Develops leadership, organizational and communication skills

Through the six(6) State approved Career and Technical Student Organizations(CTSO), which include DECA, FBLA, FCCLA, FFA, HOSA, and SkillsUSA, nearly 2,000 students combined participated this past school year in Leadership and CTSO State Conferences. Students learned and developed leadership and technical skills, participated in skills-based competitions, and received training in interpersonal and teamwork skills essential for the workforce and their pursuit of post-secondary education.

FORM J: PROJECT OUTCOMES AND EVALUATION RESULTS

New Program

Program Expansion

Improvement and Support

Staffing

Project Name: **EHHS Improvement/Support**

Amount: **\$ 162,646.95**

Project Description

The Clark County School District (CCSD) Career and Technical Education (CTE) department request funding to improve nine programs; Culinary Arts at Arbor View, Cheyenne, Shadow Ridge, Virgin Valley, West Preparatory Institute School for Academic Excellence at Charles I West, and Laughlin High Schools, Early Childhood Education at Centennial High School and Foods & Nutrition at Palo Verde High School during the 2017-18 school year.

Project Evaluation Methods and Outcomes

Expected outcomes include:

- 20% increase of students earning the CTE Skill Attainment Certificate in the 2017-2018 school year. There was a 21% decrease of students earning the CTE Skill Attainment Certificate in the 2017-2018 school year.
- 50% of students enrolled in Culinary Arts, Foods & Nutrition and Early Childhood Education will progress to the next level within the program of study for the 2018-2019 school year. 47% of students in Level 1(L1) progressed to Level 2 (L2) courses and 94% of L2 enrollments progressed to Level 3 (L3) in Education, Health and Human Services programs for the 2018-2019 school year, representing an overall progression of 61.2%.
- 90% of Culinary, Early Childhood Education, and Foods & Nutrition teachers will attend professional development in the 2017-18 school year and will report that the training met their needs. 85% of the teachers in Culinary, Early Childhood Education, and Foods & Nutrition attended professional development.

FORM J: PROJECT OUTCOMES AND EVALUATION RESULTS

New Program

Program Expansion

Improvement and Support

Staffing

Project Name: **Expansion Programs**

Amount: **\$ 91,062.52**

Project Description

Support for expanding the following programs in CCSD was requested: Business & Marketing, Education, Hospitality & Human Services, Health Science & Public Safety, Information & Media Technologies, and Skilled & Technical Sciences.

Project Evaluation Methods and Outcomes

Expected outcomes include:

- 10% increase in the number of Business and Marketing students earning the CTE Skill Attainment Certificate

Business & Marketing students earning the CTE Skill Attainment Certificate increased by 44%.

- 50% of students enrolled in Business and Marketing programs will progress to the next level
- 31.5% of students in Level 1(L1) progressed to Level 2 (L2) courses and 59.9% of L2 enrollments progressed to Level 3 (L3) in Business and Marketing programs for the 2018-2019 school year. An overall progression of 37.1% was the result.

- 50% of students enrolled in Early Childhood programs will progress to the next level
- 27.8% of the students enrolled in L1 progressed to L2 and 46.6% of student in L2 progressed to L3. This was an overall progression of 32.5%

- 50% of students enrolled in Early Childhood at Centennial will be program completers.

4% of students enrolled in Early Childhood at Centennial were program completers.

- 90% of Early Childhood teachers will attend professional development.

85% of the teachers in Early Childhood Education attended professional development.

- 50% of students enrolled in Health Science programs will progress to the next level.

45% of students in Level 1(L1) progressed to Level 2 (L2) courses and 5.3% of L2 enrollments progressed to Level 3 (L3) in Health Science programs for the 2018-2019 school year.

An overall progression of 55.3% was the result.

- 50% of students enrolled in Biomedical at Western will be program completers.

100% of the students enrolled in Biomedical at Western were completers.

- 90% of Health Science & Public Safety teachers will attend professional development.

85% of the teachers in Health Science & Public Safety attended professional development.

- 10% increase in the number of IMT students earning the CTE Skill Attainment Certificate.

There was a 7.7% increase in certificates earners in IMT in the FY18 school year.

- 50% of students enrolled in IMT programs will progress to the next level.

55% of students in IMT progressed to the next level.

- 50% of students enrolled in Welding Technology at Las Vegas HS will progress to the next level.

62.8% of students enrolled in Welding Technology at Las Vegas HS progressed to the next level.

- 50% of students enrolled in Welding Technology at Las Vegas HS will be program completers.

12.5% of students enrolled in Welding Technology at Las Vegas HS were program completers.

FORM J: PROJECT OUTCOMES AND EVALUATION RESULTS

New Program Program Expansion Improvement and Support Staffing

Project Name: **HSPS Improvement/Support**

Amount: **\$ 257,651.27**

Project Description

The Clark County School District (CCSD) Career and Technical Education (CTE) department requests funding to improve eleven programs; Forensic Science at Desert Oasis, Foothill, Shadow Ridge, and Silverado High Schools, Fire Science at Bonanza High School, Nursing Assistant and Medical Assisting at Desert Rose High School, Sports Medicine at Mojave and Western High schools, Biomedical at West Career and Technical Academy and Arbor View High School, and the Public Safety programs at Veteran's Tribute Career and Technical Academy during the 2017-2018 school year.

Project Evaluation Methods and Outcomes

Expected outcomes include:

10% increase of students earning the CTE skill attainment certificate in the school year 2017-2018
There was a 57% increase of students earning certificate in Health Science and Law & Public Safety in the 2017-18 school year.

50% of the students enrolled in Health Science programs will progress to the next level within the program of study in the 2018-2019 school year.
45% of students in Level 1(L1) progressed to Level 2 (L2) courses and 5.3% of L2 enrollments progressed to Level 3 (L3) in Health Science programs for the 2018-2019 school year, representing an overall progression of 55.3%.

90% of Health Science and Public Safety teachers will attend professional development in the 2017-2018 school year and will report that the training met their needs.
85% of the Health Science and Law & Public Safety teachers attended a minimum of two of the 28 professional development trainings offered for the 2017-2018 school year.

FORM J: PROJECT OUTCOMES AND EVALUATION RESULTS

New Program Program Expansion Improvement and Support Staffing

Project Name: **IMT Improvement/Support**

Amount: **\$ 1,341,563.48**

Project Description

Over the past few years, concerted efforts have been made to improve the quality of the Information and Media Technology programs of study, particularly in the comprehensive high schools. Many schools have received instructional supplies, technology supplies, software and equipment in an effort to enhance instruction, improve performance on end of program technical assessments and raise the number of CTE certificate earners at the following schools: Arbor View, ATA, Basic, Bonanza, Boulder City, Canyon Springs, Centennial, Chaparral, Cheyenne, Cimarron-Memorial, Clark, Coronado, Del Sol, Desert Oasis, Desert Pines, Desert Rose, Durango, ECTA, Eldorado, Foothill, Green Valley, Las Vegas Academy, Las Vegas High School, Laughlin, Legacy, Liberty, Moapa Valley, Mojave, NWCTA, Palo Verde, Rancho, SECTA, Shadow Ridge, Sierra Vista, Silverado, Spring Valley, SWCTA, Sunrise Mountain, Valley, Veterans Tribute, Virgin Valley, WCTA, West Prep and Western.

Project Evaluation Methods and Outcomes

- Increase student enrollment in IMT programs by 5%
Student enrollment in IMT programs increased by 30.8%.
- Increase CTE concentrators in IMT programs by 15%
CTE concentrators in IMT programs increased by 27%.
- Increase CTE certificate earners in IMT programs by 10%
CTE certificate earners in IMT programs increased by 7.7%.

FORM J: PROJECT OUTCOMES AND EVALUATION RESULTS



New Program



Program Expansion



Improvement and Support



Staffing

Project Name: **New Programs**

Amount: **\$ 306,705.94**

Project Description

CTE Department requests funding to implement Sports and Entertainment Marketing at Foothill High School. Video Production at Arbor View, Computer Science at Canyon Springs, Digital Game Development at Green Valley, IT Service & Support at SWCTA, and Fashion, Textiles & Design at NWCTA. East Career and Technical Academy is opening a program in Health Information Management. Rancho and Shadow Ridge High Schools will open the new Education & Training (Teaching & Training program) and Durango High School will open a new Foods & Nutrition Program. Sunrise Mountain High School has requested funding to open a new Manufacturing Technologies program.

Project Evaluation Methods and Outcomes

Expected outcomes include:

Retain 90% of students enrolling from L1 to L2 in the subsequent year

The retainment of students from Level 1 to Level 2 includes: 59.8% in Sports and Entertainment Marketing at Foothill High School, 42.7% in Video Production at Arbor View, 54.5% in Computer Science at Canyon Springs, 67.7% in IT Service & Support at SWCTA, 8.2% in Fashion, Textiles & Design at NWCTA, 17.7% in Health Information Management at ECTA, 48% in Teaching & Training program at Rancho and Shadow Ridge, 42.6% in Foods & Nutrition Program at Durango. Manufacturing Technologies at Sunrise Mountain started this year with 65 students, and Digital Game Development at Green Valley was not able to be implemented during the 2017-18 school year.

Retain 75% of students enrolling from L2 to L3 in the subsequent year

The retainment of students from Level 2 to Level 3 includes: 36.2% in Sports and Entertainment Marketing at Foothill High School. The other programs have not yet reached the Level 3 enrollment.

FORM J: PROJECT OUTCOMES AND EVALUATION RESULTS

New Program

Program Expansion

Improvement and Support

Staffing

Project Name: **Program Completion**

Amount: **\$ 623,341.00**

Project Description

Clark County School District (CCSD)

proposes to increase the number of level III (L3) courses offered at selected high schools that did not offer the L3 course during the 2016-2017 school year. Additionally, the CTE department plans to build a culture of completion by increasing awareness in available CTE programs, the importance of obtaining the Certificate of Skill Attainment, and the intrinsic value of CTE program completion. The schools are: ATA, Arbor View, Basic, Bonanza, Centennial, Cheyenne, Cimarron-Memorial, Clark, Desert Oasis, Desert Pines, Durango, ECTA, Foothill, Green Valley, LVA, Las Vegas HS, Legacy, Moapa Valley, NWCTA, Palo Verde, Rancho, SECTA, Silverado, Spring Valley, SWCTA, Sunrise Mtn, Valley, Virgin Valley, VTCTA, West Prep, WCTA.

Project Evaluation Methods and Outcomes

Expected outcomes include:

- Enrollments in completer-level courses will continue to increase by 10% more L3 enrollments. There was a 7% increase in L3 enrollments.
- Enrollments in intermediary courses will increase from 20% to 30% of all enrollments. There was a 12% increase in enrollments in the intermediary courses.
- Increase the Certificate Award Rate to 50%
There was an increase of 21.5% of certificates awarded.

FORM J: PROJECT OUTCOMES AND EVALUATION RESULTS

New Program

Program Expansion

Improvement and Support

Staffing

Project Name: **Program Fees**

Amount: **\$ 103,140.00**

Project Description

In order to maintain access to approved CTE tools and programs, multiple CTE programs of study across the district will be supported with the purchase of software programs, dues and fees, web-based programs, conference registration fees and out of district travel to approved conferences. These funds will benefit all high schools.

Project Evaluation Methods and Outcomes

Note: As an example of how Lynda.com , a web-based program, was used throughout all our CTE programs at the high school level in the past year:

16,298 Users

33,653 Total number of instructional hours viewed

438,270 Number of individual training videos completed

5,874 certificates of completion earned: 2,500 by Staff/Teachers; 4,474 by students

and 32 staff members used the library as a base level training tool in gaining software competency.

FORM J: PROJECT OUTCOMES AND EVALUATION RESULTS

New Program Program Expansion Improvement and Support Staffing

Project Name: **School Allocation Projects**

Amount: **\$ 1,148,810.00**

Project Description

The overall strategy to increase completion rates includes a comprehensive approach to building a culture of program completion at all high school sites. This strategy targets all stakeholders: students, parents, schools, and the community, to promote awareness of CTE programs, the importance of obtaining the Certificate of Skill Attainment, and the intrinsic value of CTE program completion. For the student, it is about earning a CTE endorsed diploma with the Certificate of Skill Attainment, earning articulated CTE college credits, and possibly earning industry certification. The school benefits through increases in student engagement, graduation rate, and career and college ready recognition on the Nevada School Performance Framework (NSPF). Graduating college and career ready students will also build a stronger workforce for economic growth in Nevada.

Project Evaluation Methods and Outcomes

Career & Technical Education programs at high schools in CCSD utilized state allocation funding to meet the needs of each school's programs of study. The following schools utilized state allocation funding at their school site: Advanced Technologies Academy, Arbor View, Basic, Bonanza, Boulder City, Canyon Springs, Centennial, Chaparral, Cheyenne, Cimarron-Memorial, Clark, Coronado, Del Sol, Desert Oasis, Desert Pines, Desert Rose, Durango, ECTA, Eldorado, Foothill, Global Community, Green Valley, Indian Springs, Las Vegas, Las Vegas Academy, Laughlin, Legacy, Liberty, Moapa Valley, Mojave, Northwest CTA, Palo Verde, Rancho, Sandy Valley, Southeast CTA, Southwest CTA, Shadow Ridge, Sierra Vista, Silverado, Spring Valley, Sunrise Mountain, Valley, Veteran's Tribute CTA, Virgin Valley, West CTA, West Prep, and Western.

FORM J: PROJECT OUTCOMES AND EVALUATION RESULTS

New Program Program Expansion Improvement and Support Staffing

Project Name: **STS Improvement/Support**

Amount: **\$ 516,235.84**

Project Description

The Clark County School District (CCSD) Career and Technical Education (CTE) department request funding during the 2017-2018 school year to improve fifteen Skilled and Technical Science programs: Automotive Technology programs at Arbor View, Boulder City, Coronado, Desert Rose, Chaparral, Virgin Valley and Western; Drafting and Design at ECTA, Coronado, and Cheyenne; Construction Technology and Welding at Desert Rose HS and East CTA; Manufacturing Technologies at Cimarron and Mojave; Mechanical Technology at Northwest CTA; Engineering at West CTA; Furniture and Cabinetmaking at Shadow Ridge.

Project Evaluation Methods and Outcomes

Expected outcomes include:

- 10% increase in the number of Skilled and Technical Science students earning the CTE Skill Attainment Certificate during the 2017-2018 school year.

There was a 7.3% increase in the number of Skilled and Technical Science students earning the CTE Skill Attainment Certificate during the 2017-2018 school year.

- 50% of students enrolled in Skilled and Technical Science programs will progress to the next level within the program of study for the 2018-2019 school year.

52.6% of the students in Skilled and Technical Science programs who were enrolled in Level 1 progressed to Level 2 and 89.7% of the L2 progressed to the Level 3 course within the program of study for the 2018-2019 school year. The overall progression of student enrollments for the program-of-study was 62.7%.

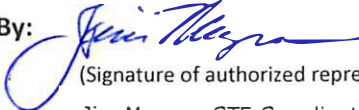
- 70% of Skilled and Technical Science teachers will attend professional development in the 2017-18 school year and will report that the training's met their needs.

45% of the teachers attended professional development in the 2017-18 school year. 27 teachers spanning construction, agriculture and other programs of study earned their OSHA10 certification in preparation to offer certification opportunities to their students at 21 schools for the FY18/19 school year.

STATE CTE GRANTS - PERFORMANCE REPORT

FY18 Allocation

Agency: **Douglas County School District**

Report Submitted By:  12/18/18
(Signature of authorized representative) (Date)
Jim Meyers, CTE Coordinator
(Printed name of authorized representative and title)

Funding Award Amount: \$ **153,525.82** Funding Amount Used: \$ **150,271.84**

Funding Amount Not Used: \$ **3,253.98**

If not all funds were used please explain why:

Not all funds were expended due to two reasons: (1) One CTSO conference was not attended leaving a balance in Object Codes 330, 519, and 580, and (2) Not all general supplies funds were expended leaving a balance in Object Code 610.

Overall Grant Purpose

The overall purpose of the FY18 State Allocations Grant was to provide funding for CTE programs at Douglas High School and George Whittell High School. Grant funds were used for students and advisors to attend local, regional, state and national CTSO conferences, acquire consumable supplies and materials, 3D printing supplies and materials, a classroom printer for student use, and curriculum packets for web-based learning. Additionally, annual participation fees for Project Lead The Way curriculum were met utilizing State Allocations grant funds. With the reduction in available funds due to overall decreases in student enrollment and a change in funding structure from the State, district funds for program improvement funds are minimal at best. State Allocations Grant funds have made it possible for district-wide CTE programs to serve all students of all abilities.

How many projects were approved in the grant? **1**

Instructions:

Please complete and attach **one** Form J for each project.

- 1) All reports should include
 - A brief description of each project and the amount of funding used for the project.
 - Final outcomes of the evaluation methods which were described in the application.
 - Describe the results of each method. Were the objectives of the project met?
- 2) Competitive Grant reports should also include
 - How the grant funds helped increase the numbers of students who have access to complete CTE programs of study and earn the State Certificate of Skill Attainment.
- 3) CTSO Grant reports should also include
 - Number of Chapters, Student membership, and all conferences participation numbers.
 - Highlight of conference information/results.

FORM J: PROJECT OUTCOMES AND EVALUATION RESULTS

New Program Program Expansion Improvement and Support Staffing

Project Name: **IPSS - Improving Programs & Supporting Students** Amount: **\$ 153,525.82**

Project Description

The overall objective for this grant is to improve district-wide CTE programs and to provide student support in meeting all program of study content standards, employability skills for career readiness standards, and successfully complete end of program assessments. Douglas County School District has 16 programs of study in Agriculture, Automotive Technology, Biomedical Science, Business Management, Computer Science, Culinary Arts, Engineering, Graphic Design, Photography, Metalworking/Welding Technology, and Web Design and Development. Consumable supplies and materials, as well as industry standard equipment and technologies, were acquired through this grant allowing students the opportunity to better meet all CTE content standards and Employability Skills for Career Readiness Standards.

Project Evaluation Methods and Outcomes

Agriculture (\$5,180.12) – Funds used for consumables for agriculture courses and greenhouse.
Automotive (\$6,180.32) – Funds used for consumables, tools, safety glasses, textbook upgrades (from state approved list). Funding allocated for engine and engine “rebuild” materials were not purchased due to expiration of quote and availability of engine.
PLTW Biomedical Science (\$38,123.24) – Funds used for CTSO (HOSA) leadership conferences (state, national), consumables for PLTW Biomedical Science courses.
Business Management (\$22,323.09) – funds used for CTSO (FBLA) leadership conferences (state, national), consumables for business management courses.
Culinary Arts (\$16,846.99) – Douglas HS - funds used for CTSO (SkillsUSA) leadership conferences (state, national), electrical drop outlets for kitchen, consumables for Culinary Arts courses.
Culinary Arts (\$3,927.56) – George Whittell HS - Funds used for consumables for Culinary Arts courses.
PLTW Engineering (\$9,869.35) – Funds used for consumables for PLTW Engineering courses.
Graphic Design (\$11,301.20) - Funds used for CTSO (SkillsUSA) leadership conferences (state, national), consumables for PLTW Biomedical Science courses.
Photography (\$4,844.06) - funds used for consumables for photography courses.
Web Design (\$4,425.00) – Funds used for CTSO (SkillsUSA) leadership conferences (state, national - national funds were allocated but never used), consumables for web design and development courses.
Welding (\$11,587.39) - Funds used for consumables (i.e. gases, flat metal and roll stock, personal protective equipment, welding rod, etc.) for welding technology courses.

Douglas County School District utilizes several different methods of evaluation the Career and Technical Education program. The performance indicators used in the Career and Technical Education Accountability Report (CTERS) data and the Workplace Readiness Skills (WRS) and End of Program (EOP) Assessments provide valuable information that allows our instructors to “zero in” on areas that need improvement. This year's WRS pass rate was 96.6% and EOP pass rate was 50.7%. Areas of improvement have been identified and instructors will be working with students to improve assessment scores. Web Design and Development marked it's first year of taking these assessments with a very successful 100% pass rate in both exams.

FORM J: PROJECT OUTCOMES AND EVALUATION RESULTS

New Program Program Expansion Improvement and Support Staffing

Project Name: **IPSS - Improving Programs & Supporting Students** Amount: **\$ 153,525.82**

Project Description

Project Evaluation Methods and Outcomes

(Continued from previous page)

CTSO activities - Douglas County School District currently has four active Career and Technical Student Organizations: FFA, FBLA, HOSA and Skills USA.

Enrollment last year:

FFA - 120

FBLA - 39

HOSA - 18

SkillsUSA - 48

Conferences attended and (student attendance):

FFA - Winter Leadership (25), Summer Leadership (8), Greenhand (18), State (36), National (6)

FBLA - Leadership (13), State (15), National (6)

HOSA - State (18)

SkillsUSA - State (6), National (3)

Awards received at these conferences? Conference and Award Name:

SkillsUSA - State - Gold - Graphic Design; Gold - Job Interview

FBLA - State - 2nd - Help Desk; 3rd - Future Business Leader

FFA - State - 2nd - Creed (Individual), 3rd - Greenhand (Team), 2nd - Farm Business Management (Team), 6 State Degrees, National - 5 American Degrees

STATE CTE GRANTS - PERFORMANCE REPORT

FY18 Allocation

Agency: Elko County School District

Report Submitted By:



(Signature of authorized representative)

Shane Sutton CTE CTE/WBL Facilitator

(Printed name of authorized representative and title)

8-30-2018

(Date)

Funding Award Amount: \$286,581.52 **Funding Amount Used:** \$255,789.82
Funding Amount Not Used: \$30,791.70

If not all funds were used please explain why:

Elko County School District was unable to spend all of the allocated funding as four of the rural high schools had problems in purchasing equipment do to modifications needed at the site facilities. Funding for textbooks was also offset by the District using alternative funding sources. In addition, there were internal technical issues between the District Grant office and the District Finance office after the final budget revision at the close of the school year and funds were left unspent.

Overall Grant Purpose

The focus of the CTE Allocated Grant was to supplement the current District Budget for expenses identified by individual school sites which would allow for instruction to meet State CTE Standards by each program. The goal was to increase the number of students to earn the State CTE Skill Certificates and/or industry certifications, units of CTE College Credit and participation in CTSO activities.

How many projects were approved in the grant? 1

Instructions:

Please complete and attach one Form J for each project.

- 1) All reports should include
 - A brief description of each project and the amount of funding used for the project.
 - Final outcomes of the evaluation methods which were described in the application.
 - Describe the results of each method. Were the objectives of the project met?
- 2) Competitive Grant reports should also include
 - How the grant funds helped increase the numbers of students who have access to complete CTE programs of study and earn the State Certificate of Skill Attainment.

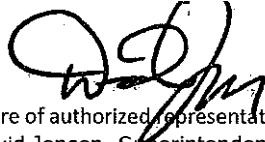
STATE CTE GRANTS - PERFORMANCE REPORT

FY18

Allocation

Agency: **Humboldt County School District**

Report Submitted By:



(Signature of authorized representative)
Dr. David Jensen, Superintendent

(Printed name of authorized representative and title)

08/30/18

(Date)

Funding Award Amount: **\$ 84,216.70**

Funding Amount Used: **\$ 83,972.72**

Funding Amount Not Used: **\$ 243.98**

If not all funds were used please explain why:

Did not use quite as many sub days as we thought we would need.

Overall Grant Purpose

HCSD utilized these state funds to support all of the CTE programs at Lowry and McDermitt for teacher travel, computer upgrades, equipment replacement, safety improvements, and consumable student supplies. The total budget for each program was approximately as follows: Lowry Ag - \$10,548, McDermitt Ag - \$8,066, Lowry Auto - \$12,645, Lowry Business - \$15,250, McDermitt Business - \$1074, Lowry Construction - \$10,292, and Lowry Welding \$23,824. A further breakdown of spending was listed in this grant's Form B.

How many projects were approved in the grant?

Instructions:

Please complete and attach **one** Form J for each project.

- 1) All reports should include
 - A brief description of each project and the amount of funding used for the project.
 - Final outcomes of the evaluation methods which were described in the application.
 - Describe the results of each method. Were the objectives of the project met?
- 2) Competitive Grant reports should also include
 - How the grant funds helped increase the numbers of students who have access to complete CTE programs of study and earn the State Certificate of Skill Attainment.

FORM J: PROJECT OUTCOMES AND EVALUATION RESULTS

New Program Program Expansion Improvement and Support Staffing

Project Name: **HCS D CTE Program Support**

Amount: **\$ 84,216.70**

Project Description

HCS D utilized these state funds to support all of the CTE programs at Lowry and McDermitt for teacher travel, computer upgrades, equipment replacement, safety improvements, and consumable student supplies. The total budget for each program was approximately as follows: Lowry Ag - \$10,548, McDermitt Ag - \$8,066, Lowry Auto - \$12,645, Lowry Business - \$15,250, McDermitt Business - \$1074, Lowry Construction - \$10,292, and Lowry Welding \$23,824. A further breakdown of spending was listed in this grant's Form B.

Project Evaluation Methods and Outcomes

In the 2016-17 school year HCS D had 722 students enrolled in CTE programs at McDermitt and Lowry High Schools. In 2017-18 there were 757 students enrolled for an increase of 35 students from year to year.

In 2016-17, 82.66% of HCS D students completed the CTE Workplace Readiness assessment and 85 or 99.04% passed the assessment. In 2017-18, 75 students completed the CTE Workplace Readiness Assessment and 69 or 92% passed the assessment. This represents a 10% increase in the passage rate for CTE students in Humboldt County.

In 2016-17, 71.3% of the HCS D students passed the End of Program Technical Assessments and 53% passed in 2017-18 for a decrease in the passage rate. In the area of End of Program Technical Assessments 82 students completed their exams in 2016-17 and 84 completed in 2017-18 for a 2% improvement in the number of students taking the exam. As a result of this data we believe that improved funding through this state grant has had an impact on improved passage rates of the state CTE exams.

STATE CTE GRANTS - PERFORMANCE REPORT

FY18 Allocation

Agency: **Lander County School District**

Report Submitted By:

11/1/18

(Signature of authorized representative)

(Date)

Heather Nield, CTE Administrator

(Printed name of authorized representative and title)

Funding Award Amount: **\$ 18,022.60**

Funding Amount Used: **\$ 17,107.81**

Funding Amount Not Used: **\$ 914.79**

If not all funds were used please explain why:

Total fund expenditure was not possible due to ordered supplies coming in under cost, items were backordered and not shipped within a reasonable time after the grant period closed, and items were deemed permanently out of stock. In addition, \$850 of the remaining balance was in process to be spent, but due to communication errors, failed to be executed prior to year end.

Overall Grant Purpose

The Allocation Grant funds were used to provide a curriculum that is inovative, current and provides hands on instructional activities which will prepare graduates for careers in Nevada, specifically Lander County. The impact in both programs will help meet the high wage/high skill/high demand and nontraditional areas identified by the governor. The intended use of funds are to increased the numbers of students who complete CTE programs of study and earn the State Certificate of Skill Attainment as well as prepare students who are career and college ready. This is accomplished through curriculum and instruction that is rigorous and relevant.

How many projects were approved in the grant? **2**

Instructions:

Please complete and attach one Form J for each project.

- 1) All reports should include
 - A brief description of each project and the amount of funding used for the project.
 - Final outcomes of the evaluation methods which were described in the application.
 - Describe the results of each method. Were the objectives of the project met?
- 2) Competitive Grant reports should also include
 - How the grant funds helped increase the numbers of students who have access to complete CTE programs of study and earn the State Certificate of Skill Attainment.

FORM J: PROJECT OUTCOMES AND EVALUATION RESULTS

New Program

Program Expansion

Improvement and Support

Staffing

Project Name: **Agriscience Program**

Amount: **\$ 6,728.54**

Project Description

The Agriculture Science program helps prepare students for high skill/high wage/high demand careers in Nevada and Battle Mountain. To adequately prepare students, opportunities for hands on activities and simulations increase the rigor and relevance of Agriculture Science I & II, Veterinary Science, and Greenhouse Management standards and real world applications. This helps students to be more prepared in a real life situations, think critically, problem solve, communicate, and collaborate in the classroom and workplace.

Project Evaluation Methods and Outcomes

The Agriculture Science Program at BMHS is keeping detailed enrollment information including records of the number students who pass the Nevada End of Program CTE Technical Assessments. These records will be compared from year to year and against the general population of BMHS to determine the success of the program and the grant funded projects in quantitative assessment. We will also measure the number students enrolled in the program over the next three years to determine the percentage increase of students enrolled over time. In addition, the number of students enrolled in post-secondary programs, the percentage of CTE students who graduated, the professional development programs attended by instructor and the number of collaborations developed between institutions, the number of presentations to professional and community groups and the number of community collaborations developed. This data will enable us to complete a quantitative analysis of the success of the program.

FORM J: PROJECT OUTCOMES AND EVALUATION RESULTS

New Program Program Expansion Improvement and Support Staffing

Project Name: **Health Science Program**

Amount: **\$ 10,379.27**

Project Description

The Health Science program helps prepare students for a career in the health and medical field, specifically high skill/high wage/high demand careers in Nevada and Battle Mountain. To adequately prepare students, opportunities for hands on activities and simulations increase the rigor and relevance of Health Science I & II, EMT, and Nursing Assisnat standards and real world applications. This helps students to be more prepared in a real life situations, think critically, problem solve, communicate, and collaborate in the classroom and workplace.

Project Evaluation Methods and Outcomes

The Health Science Program at BMHS is keeping detailed enrollment information including records of the number students who pass the Nevada End of Program CTE Technical Assessments. These records will be compared from year to year and against the general population of BMHS to determine the success of the program and the grant funded projects in quantitative assessment. We will also measure the number students enrolled in the program over the next three years to determine the percentage increase of students enrolled over time. In addition, the number of students enrolled in postsecondary programs, the percentage of CTE students who graduated, the professional development programs attended by instructor and the number of collaborations developed between institutions, the number of presentations to professional and community groups and the number of community collaborations developed. This data will enable us to complete a quantitative analysis of the success of the program.

STATE CTE GRANTS – PERFORMANCE REPORT

FY18 Allocation

Agency: **Lincoln County School District**

Report Submitted By:

01/09/19

(Signature of authorized representative)

(Date)

Taunya Mortensen, LCSD CTE Secretary

(Printed name of authorized representative and title)

Funding Award Amount: **\$ 46,391.50**

Funding Amount Used: **\$ 44,841.51**

Funding Amount Not Used: **\$ 1,549.99**

If not all funds were used please explain why:

There were some Ebooks (Learn-By-Doing) that were originally budgeted for in the grant that since became either unavailable or the cost increased beyond what was approved.

Overall Grant Purpose

The monies for this grant were to improve the programs throughout the district for which the monies were allocated. For the purposes of this grant, each program area budgeted for and received items that would benefit their programs; some items were purchased to replace broken or outdated equipment, others were to enhance the already existing program structure.

How many projects were approved in the grant? **4**

Instructions:

Please complete and attach **one** Form J for each project.

- 1) All reports should include
 - A brief description of each project and the amount of funding used for the project.
 - Final outcomes of the evaluation methods which were described in the application.
 - Describe the results of each method. Were the objectives of the project met?
- 2) Competitive Grant reports should also include
 - How the grant funds helped increase the numbers of students who have access to complete CTE programs of study and earn the State Certificate of Skill Attainment.
- 3) CTSO Grant reports should also include
 - Number of Chapters, Student membership, and all conferences participation numbers.
 - Highlight of conference information/results.

FORM J: PROJECT OUTCOMES AND EVALUATION RESULTS

New Program

Program Expansion

Improvement and Support

Staffing

Project Name: **Agriculture**

Amount: **\$ 10,636.36**

Project Description

Clippers for LCHS

Welding helmets, jackets, and gloves for COB

Woodworking and welding supplies for COB

Project Evaluation Methods and Outcomes

All items purchased will enhance the courses currently offered at each school. Students will be exposed to many different levels of learning and practice. All students will be exposed to hands-on learning, thereby giving them the experience that is crucial to work-place readiness. Not only will students receive a better education due to updated supplies and equipment, all students will be introduced to up-to-date techniques using the new items and will better understand the programs and their potential within those programs of study. When students receive a practical knowledge of different processes from the beginning, they are more likely grasp the importance of all aspects of the programs in which they are enrolled, thereby creating an interest in continuing on to higher levels of the program, and eventually to college. The effectiveness of each program's instruction will be enhanced by the new purchases, and students will be able to use equipment that is standard in the industry.

Evaluation of each program will take place throughout the 2018-19 school year by the teacher, building supervisor, and superintendent. Toward the end of the school year, and as the new grant writing year begins, the programs will be evaluated for their effectiveness in student enrollment and achievement, and will continue to be evaluated through growth, assessments, and comprehension.

FORM J: PROJECT OUTCOMES AND EVALUATION RESULTS

New Program

Program Expansion

Improvement and Support

Staffing

Project Name: **Education Hospitality, and Human Resources**

Amount:

\$ 1,706.18

Project Description

Supplies for culinary arts lab for COB
ServSafe tests, coursebooks for COB

Project Evaluation Methods and Outcomes

All items purchased will enhance the courses currently offered at each school. Students will be exposed to many different levels of learning and practice. All students will be exposed to hands-on learning, thereby giving them the experience that is crucial to work-place readiness. Not only will students receive a better education due to updated supplies and equipment, all students will be introduced to up-to-date techniques using the new items and will better understand the programs and their potential within those programs of study. When students receive a practical knowledge of different processes from the beginning, they are more likely grasp the importance of all aspects of the programs in which they are enrolled, thereby creating an interest in continuing on to higher levels of the program, and eventually to college. The effectiveness of each program's instruction will be enhanced by the new purchases, and students will be able to use equipment that is standard in the industry.

Evaluation of each program will take place throughout the 2018-19 school year by the teacher, building supervisor, and superintendent. Toward the end of the school year, and as the new grant writing year begins, the programs will be evaluated for their effectiveness in student enrollment and achievement, and will continue to be evaluated through growth, assessments, and comprehension.

FORM J: PROJECT OUTCOMES AND EVALUATION RESULTS

New Program

Program Expansion

Improvement and Support

Staffing

Project Name: **Business Management/Information Media Tech**

Amount:

\$ 9,171.64

Project Description

Supplies for Graphic Arts program at COB
Learn-By-Doing textbooks for LCHS
Wacom Intuios Pro drawing tablets, Pro Pens, and ink for COB
Apple iMac for COB

Project Evaluation Methods and Outcomes

All items purchased will enhance the courses currently offered at each school. Students will be exposed to many different levels of learning and practice. All students will be exposed to hands-on learning, thereby giving them the experience that is crucial to work-place readiness. Not only will students receive a better education due to updated supplies and equipment, all students will be introduced to up-to-date techniques using the new items and will better understand the programs and their potential within those programs of study. When students receive a practical knowledge of different processes from the beginning, they are more likely grasp the importance of all aspects of the programs in which they are enrolled, thereby creating an interest in continuing on to higher levels of the program, and eventually to college. The effectiveness of each program's instruction will be enhanced by the new purchases, and students will be able to use equipment that is standard in the industry.

Evaluation of each program will take place throughout the 2018-19 school year by the teacher, building supervisor, and superintendent. Toward the end of the school year, and as the new grant writing year begins, the programs will be evaluated for their effectiveness in student enrollment and achievement, and will continue to be evaluated through growth, assessments, and comprehension.

FORM J: PROJECT OUTCOMES AND EVALUATION RESULTS

New Program

Program Expansion

Improvement and Support

Staffing

Project Name: **Skilled and Technical Sciences**

Amount: **\$ 23,327.33**

Project Description

Sheet metal, bits, plugs, connectors for PVHS
Tig kit, flowmeter, welder for LCHS
Torch cutter attachments for LCHS
TIG welder for LCHS
Roland cutter for PVHS
Printer for cutter at PVHS
Ink for printer for PVHS
Dovetailer for LCHS

Project Evaluation Methods and Outcomes

All items purchased will enhance the courses currently offered at each school. Students will be exposed to many different levels of learning and practice. All students will be exposed to hands-on learning, thereby giving them the experience that is crucial to work-place readiness. Not only will students receive a better education due to updated supplies and equipment, all students will be introduced to up-to-date techniques using the new items and will better understand the programs and their potential within those programs of study. When students receive a practical knowledge of different processes from the beginning, they are more likely grasp the importance of all aspects of the programs in which they are enrolled, thereby creating an interest in continuing on to higher levels of the program, and eventually to college. The effectiveness of each program's instruction will be enhanced by the new purchases, and students will be able to use equipment that is standard in the industry.

Evaluation of each program will take place throughout the 2018-19 school year by the teacher, building supervisor, and superintendent. Toward the end of the school year, and as the new grant writing year begins, the programs will be evaluated for their effectiveness in student enrollment and achievement, and will continue to be evaluated through growth, assessments, and comprehension.

STATE CTE GRANTS - PERFORMANCE REPORT

FY18 Allocation

Agency: **Lyon County School District**

Report Submitted By:

12/18/18

(Signature of authorized representative)

(Date)

Jennifer Apgar, CTE Grants Coordinator

(Printed name of authorized representative and title)

Funding Award Amount: **\$ 194,243.53** Funding Amount Used: **\$ 154,160.50**

Funding Amount Not Used: **\$ 40,083.03**

If not all funds were used please explain why:

The majority of unused funds were a result in student and staff travel not taken. There were a few items that were not purchased or able to be purchased prior to year end.

Overall Grant Purpose

To support and improve all programs district wide, by supplying the necessary general supplies, instructional materials, software, technology, inventory items, and support of CTSO travel to competitions both local and nation wide.

How many projects were approved in the grant? 6

Instructions:

Please complete and attach one Form J for each project.

- 1) All reports should include
 - A brief description of each project and the amount of funding used for the project.
 - Final outcomes of the evaluation methods which were described in the application.
 - Describe the results of each method. Were the objectives of the project met?
- 2) Competitive Grant reports should also include
 - How the grant funds helped increase the numbers of students who have access to complete CTE programs of study and earn the State Certificate of Skill Attainment.
- 3) CTSO Grant reports should also include
 - Number of Chapters, Student membership, and all conferences participation numbers.
 - Highlight of conference information/results.

FORM J: PROJECT OUTCOMES AND EVALUATION RESULTS

New Program Program Expansion Improvement and Support Staffing

Project Name: **Agriculture & Natural Resources**

Amount: **\$ 11,719.00**

Project Description

YHS- Purchase items from Lab-Aids, CASE, WARDS Science, and Nevada State FFA Association.

FHS- All items will be used to scaffold a standardized, uniform curriculum for Ag Science 1-2 curriculum for Lyon County School District. The program in use is called "Curriculum for Agricultural Science Education." (CASE) This program plans and scaffolds teaching materials, worksheets, labs, projects, and more. In addition, they tie in FFA curriculum.

SVS- The Agriculture Science & Natural Resources department would like to purchase both instructional materials and web based programs to use throughout the class to enhance student knowledge and understanding of the content standards.

Project Evaluation Methods and Outcomes

Objectives & Grant Outcomes:

YHS- Teach students about the following; Communications, FFA/CDE's/LDE's, Natural Resources and Wildlife, Soils, Horticulture, Agricultural Mechanics, Animal Science, and Agricultural Leadership. Provide students with the opportunities to attend various leadership conferences, and workshops throughout the school year. FFA is an intra-curricular component of the Agricultural Science course. It is a part of the three circle model of instruction. Students will have the opportunity to attend Green-hand Leadership Conference, Winter Leadership Training, Summer Leadership Camp, Western Zone Contest, and Nevada State FFA Convention. The expected outcome is to get students to join and actively participate in the Agricultural Education program through courses offered at YHS and the FFA chapter. We would like to increase the number of course completers at YHS and by offering them a high quality Agricultural Science program we will engage students through STEM and hands-on learning.

FHS- • Increase in STEM-related activities and labs

- Increase in student involvement/engagement due to increase practical application
- Increase teacher/administrator/director collaboration due to uniformity
- Ease of student transfers within county due to unified curriculum
- Ease of ordering and preparing materials for education
- Increase available time to enhance FFA competitions, activities, fund-raisers, and community service.

This will be accomplished because teacher will have less time creating lesson plans and scavenging materials for labs, projects, or other assignments.

SVS- Increase the % of completers in all Ag programs and increase the number of Skill Attainment Certificate earners.

In Agriculture & Natural Resources we had 24 completers district wide with 8 certificate earners. The breakdown is as follows:

FHS: 4 Completers - 0 Certificates Earned 0%

SVS: 11 Completers - 6 Certificates Earned 55%

YHS: 9 Completers - 2 Certificates Earned 25%

FORM J: PROJECT OUTCOMES AND EVALUATION RESULTS

New Program Program Expansion Improvement and Support Staffing

Project Name: **Business & Marketing Education**

Amount: **\$ 3,549.35**

Project Description

SSHS- Business & Marketing will use funds awarded to introduce the use of MBA Learning Center. With the use of this system and the general supplies purchased, the business and marketing students will design and distribute school based enterprise price lists, menus, and promotional flyers.

DHS- Purchased Property Services (400) Renewal of service contract on both POS machines which includes software updates, some hardware replacement, and unlimited service calls to maintain and update POS systems. DECA materials and Web Based Program (653) Virtual Business Sport web based simulation license renewal. Addresses multiple Marketing standards simultaneously.

YHS- Assist in funding students and staff to go the fall leadership and state conferences for FBLA.

Project Evaluation Methods and Outcomes

Objectives & Grant Outcomes:

SSHS- Students will design and distribute school based enterprise price lists, menus, and promotional flyers. Any funds raised go right back into the program for future projects or industry trips.

SSHS has not raised sufficient funds to pay for class travel to date. As the program grows, more funds will be raised and used for industry tours.

DHS- Enhance students' employability or technical skills. A Marketing sequence that operates the retail division of the Dust Devil Diner which achieved DECA SBE (School Based Enterprise) gold certification (the first in NV along with Basic HS in 2015 and re-certified 2017). The DECA chapter has produced 22 international qualifiers, 7 state champs, 66 state top tens, two state officers, and 3 national scholarship winners. Our goals for 17-18 include continuing to operate the SBE, traveling to state and ICDC competition, and continue to enhance instruction by using DECA curriculum materials in the classroom. The student outcomes will be enhanced marketing content knowledge as well as employability soft skills developed via the School Based Enterprise SBE, use of DECA curriculum materials in the classroom, and into state/national competition if desired.

YHS- The students will be able to apply the knowledge they've learned to create projects for themselves or in our school and community that will printed or displayed publicly.

In Business & Marketing Education we had 1 completer district wide with 0 certificate earners. There was only one level 3 completer enrolled in SY17-18. The breakdown is as follows:

DHS: 0 Completers - 0 Certificates Earned 0%

SSHS: 0 Completers - 0 Certificates Earned 0%

YHS: 1 Completer - 0 Certificates Earned 0%

FORM J: PROJECT OUTCOMES AND EVALUATION RESULTS

New Program Program Expansion Improvement and Support Staffing

Project Name: **Education, Hospitality & Human Services**

Amount: **\$ 13,105.63**

Project Description

DHS- Culinary Arts would like to improve their program by adding portable stoves and a stand mixer. Some general supplies will also be purchased. Dayton High School's Culinary Arts program is a comprehensive 4 year program which introduces students to techniques in the hot kitchen, cold kitchen, and the bakeshop. Emphasis is placed on real world application of acquired knowledge as it pertains to the restaurant industry, which is a large job market in Northern Nevada. The skill sets which are taught focus both on the acquisition of discrete scholarly knowledge related to the restaurant industry as well as the acquisition of authentic skills which are applicable to real kitchen situations.

Project Evaluation Methods and Outcomes

Objectives & Grant Outcomes:

DHS- Students who complete the program have acquired skills which make them employable at the entry level in the restaurant industry.

In Education, Hospitality & Human Services we had 5 completers district wide with 1 certificate earner. The breakdown is as follows:

DHS: 5 Completers - 1 Certificates Earned 20%

FORM J: PROJECT OUTCOMES AND EVALUATION RESULTS

New Program Program Expansion Improvement and Support Staffing

Project Name: **Health Science & Public Safety**

Amount: **\$ 22,965.23**

Project Description

DHS- The Health Science program would like to add to their program with the purchase of first aid and CPR supplies.

YHS- Health Science & Public Safety will use funds for student travel to HOSA Fall Leadership in Reno and HOSA Spring Leadership in Las Vegas, NV as State standards require CTE students to participate in CTSO's. The Leadership conferences allow HOSA students to participate in educational activities for their chosen career.

FHS- The addition of additional supplies to support the state testing site, including linens and bedding supplies students will all be able to simultaneously run through role play scenarios.

SVS- This course is designed to help students develop a general awareness of health careers and specific preparation for physical therapy and sports medicine occupations.

Project Evaluation Methods and Outcomes

Objectives & Grant Outcomes:

DHS- The goal is for all students enrolled in the class to obtain both CPR and AED certifications.

YHS- This in collaboration with instruction produces real world and workplace ready students. Continue preparing students who will enroll in the Nursing Assistant program in SY18-19.

Fernley High School's goal is to continue its current success of student's obtaining their CNA certification on their first attempt, while increasing the number of students entering the program.

SVS- Help students understand the key elements in the U.S. healthcare system and to learn basic healthcare terminology, the anatomy and physiology of each body system, pathology, diagnostics and clinical procedures, therapeutic interventions and the fundamentals of traumatic and medical emergency care.

In Health Science & Public Safety we had 16 completers district wide with 11 certificate earners. The breakdown is as follows:

DHS: 2 Completers - 1 Certificates Earned 50%

FHS: 9 Completers - 8 Certificates Earned 89%

SVS: 3 Completers - 2 Certificates Earned 67%

YHS: 2 Completers - 0 Certificates Earned 0%

FORM J: PROJECT OUTCOMES AND EVALUATION RESULTS

New Program Program Expansion Improvement and Support Staffing

Project Name: **Information & Media Technologies**

Amount: **\$ 32,299.10**

Project Description

SVS- The Photography and Video Productions programs are hoping to purchase general supplies and an Adobe Creative Cloud site license.

FHS- We will be advancing our level 2 & 3 programs to start photo studio quality prints for school functions. With the addition of the new Adobe Creative Cloud site license, this will provide real world application of the photography industry.

YHS- Creative Cloud Photoshop and Illustrator instructional materials to go with the software that will be purchased for Graphic Design, Adobe Creative Cloud site licensing.

DHS- Graphic Design will use funding to provide students with new general supplies and Adobe Creative Cloud site licensing. Pushing students to design, create, and build visually stunning projects.

SSHS- Students design and fabricate banners, cups, softball hooks, lanyards, and phone cases. Banners display upcoming events, recognition and promotional events.

Project Evaluation Methods and Outcomes

Objectives & Grant Outcomes:

SVS- Increase the number of completers and Skill Attainment Certificate earners.

FHS- Develop our student's skills to include actual photography production at small events. Increase the number of completer level students in our Photography Program. Become self-sufficient in our program by creating a school based business that will meet the needs of our local schools while providing students real experiences.

YHS- Students will be able to apply the knowledge they've learned to create projects for themselves or in our school and community that will be printed or displayed publicly.

DHS- Pushing students to design, create, and build visually stunning projects. Building confidence in their ability and their work, preparing for an industry position and ready to meet industry standards.

SSHS - Establish a student based enterprise to benefit the CTE program and further expand the students classroom use of hands on techniques.

In Information & Media Technologies we had 26 completers district wide with 11 certificate earners.

The breakdown is as follows:

DHS: 5 Completers - 5 Certificates Earned 100%

FHS: 10 Completers - 3 Certificates Earned 30%

SSHS: 1 Completer - 0 Certificates Earned 0%

SVS: 7 Completers - 2 Certificates Earned 29%

YHS: 3 Completers - 1 Certificates Earned 33%

FORM J: PROJECT OUTCOMES AND EVALUATION RESULTS

New Program Program Expansion Improvement and Support Staffing

Project Name: **Skilled & Technical Sciences**

Amount: **\$ 70,522.19**

Project Description

SSHS- The Electronics program would like to buy the supplies necessary to support their program. With the purchase of electronic components, software and supplies, students learn through hands on experience during the course sequence by creating circuits. The Furniture and Cabinetmaking program will purchase general supplies to support the program. Items requested are woods, slides, hinges, screws, bits, measuring tools, etc.

DHS- Furniture and cabinetmaking will purchase general supplies to start off with a small hand project, followed by a combo project, a medium project, larger projects using varying techniques and then custom design projects taking students through many tools, machines, and techniques.

Project Evaluation Methods and Outcomes

Objectives & Grant Outcomes:

SSHS - Students learn through hands on experience during the course sequence by creating circuits. This can be achieved through the electronics kits, solder less boards, and soldering kits. Students will learn AC theory and DC theory throughout the first year. This includes fundamental concept and components, electronics circuit assembly and schematics, DC concepts and using a multimeter, and AC concepts and solid state devices.

Furniture & Cabinetmaking, through building the assigned projects the students will learn how to safely and properly operate both hand and stationary power tools seen in the cabinetmaking industry. Students will be introduced to project design and layout and the use of patterns while learning how to construct woodworking joinery. Students will learn basic finishing techniques in the application of stain and sealer coats. Through building of assigned projects the students will acquire the knowledge of case construction, frame and panel construction, creating face frames, and pocket hole construction. Students will also learn how to install hardware like drawer slides and hinges. Students will work on either designing their own projects or they will modify an existing project plan to suit their needs, while incorporating the use of either a CNC router or a CNC laser.

FHS - Custom design projects allow the students to interact with "customers" and use skills learned to determine materials and cost, hands on in the development stage and time management to deliver as promised, when promised.

FORM J: PROJECT OUTCOMES AND EVALUATION RESULTS

New Program Program Expansion Improvement and Support Staffing

Project Name: **Skilled & Technical Sciences**

Amount: **\$ 70,522.19**

Project Description

DHS- Electronics Technologies will purchase general supplies to support the hands on learning of students in the classroom. With the introduction of electronic components, what they are, how they work, and how they work together.

DHS- Drafting & Design will purchase general supplies to support the program. Working with Inventor software designing 3D objects, then converting them to 2D to be placed on paper. Working with AutoCAD software in 2D projects learning the industry standard in design software. Moving into the use of REVIT software that is becoming the industry standard for architectural software designing 3D buildings.

Project Evaluation Methods and Outcomes

Objectives & Grant Outcomes:

DHS: Electronic Technology, support the hands on learning of students in the classroom. With the introduction of electronic components, what they are, how they work, and how they work together.

Drafting & Design, Working with Inventor software designing 3D objects, then converting them to 2D to be placed on paper. Working with AutoCAD software in 2D projects learning the industry standard in design software. Moving into the use of REVIT software that is becoming the industry standard for architectural software designing 3D buildings.

FORM J: PROJECT OUTCOMES AND EVALUATION RESULTS

New Program

Program Expansion

Improvement and Support

Staffing

Project Name: **Skilled & Technical Sciences**

Amount: **\$ 70,522.19**

Project Description

YHS- The Metalworking program would like to purchase general supply items to support their efforts to have a safe learning environment for students. Gloves, shop coats, welding rods, and various other shop items are needed. Steel which allows students to practice running beads, complete projects, learn layout, and cut the metal using the different operations in the lab. Students learn phases of shielded metal arc welding, sheet metal, Oxy-Acetylene/Plasma cutting, with some gas metal welding procedures. In all course levels there is always a strong emphasis on shop safety.

YHS- Furniture and cabinetmaking continues each year to move toward the industry level of cabinet construction and fabrication. General supplies will be purchased to support student learning with hands on projects and builds. Yerington High School is currently working to combine the woods, CNC lathe, CNC mill, CNC plasma, and welding into a fabrication class that will fit under the Metal Working Nevada Career Cluster.

Project Evaluation Methods and Outcomes

Objectives & Grant Outcomes:

YHS: Metalworking, Allow students to practice running beads, complete projects, learn layout, and cut the metal using the different operations in the lab. Students learn phases of shielded metal arc welding, sheet metal, Oxy-Acetylene/Plasma cutting, with some gas metal welding procedures. In all course levels there is always a strong emphasis on shop safety.

Furniture & Cabinetmaking, instruct students in a way that allows them to move toward the industry level of cabinet construction and fabrication.

FORM J: PROJECT OUTCOMES AND EVALUATION RESULTS

New Program Program Expansion Improvement and Support Staffing

Project Name: **Skilled & Technical Sciences**

Amount: **\$ 70,522.19**

Project Description

FHS- The Furniture and Cabinetmaking program will purchase general supplies to support the program. Items requested are woods, slides, hinges, screws, bits, measuring tools, etc.

FHS- The Welding Technologies program would like to purchase general supply items to support their efforts to have a safe learning environment for students. Gloves, shop coats, welding rods, and various other shop items are needed. Steel which allows students to practice running beads, complete projects, learn layout, and cut the metal using the different operations in the lab.

FHS- The Drafting and Design program would like to purchase general supplies and instructional materials to support student learning.

Project Evaluation Methods and Outcomes

Objectives & Grant Outcomes:

FHS: Furniture & Cabinetmaking, Through building the assigned projects the students will learn how to safely and properly operate both hand and stationary power tools seen in the cabinetmaking industry. Students will be introduced to project design and layout and the use of patterns while learning how to construct woodworking joinery. Students will learn basic finishing techniques in the application of stain and sealer coats. Through building of assigned projects the students will acquire the knowledge of case construction, frame and panel construction, creating face frames, and pocket hole construction. Students will also learn how to install hardware like drawer slides and hinges. Students will work on either designing their own projects or they will modify an existing project plan to suit their needs, while incorporating the use of either a CNC router or a CNC laser.

Welding Technology, Students learn phases of shielded metal arc welding, sand casting, sheet metal, Oxy-Acetylene/Plasma cutting, with some gas metal welding procedures. In all course levels there is always a strong emphasis on shop safety.

Drafting & Design, Students will learn through hands on experience using 2D & 3D CADD, as well as Revit Architecture software. Students will gain an in depth knowledge of design, manufacturing, engineering, architecture, and construction.

FORM J: PROJECT OUTCOMES AND EVALUATION RESULTS

New Program Program Expansion Improvement and Support Staffing

Project Name: **Skilled & Technical Sciences**

Amount: **\$ 70,522.19**

Project Description

FHS- The Electronics program would like to buy the supplies necessary to support their program. This can be achieved through the electronics kits, solder-less boards, and soldering kits.

Project Evaluation Methods and Outcomes

Objectives & Grant Outcomes:

FHS - Electronic Technology, With the purchase of electronic components, software and supplies, students learn through hands on experience during the course sequence by creating circuits. Students will learn AC theory and DC theory throughout the first year. This includes fundamental concept and components, electronics circuit assembly and schematics, DC concepts and using a multimeter, and AC concepts and solid state devices.

In Skilled & Technical Sciences we had 71 completers district wide with 20 certificate earners. The breakdown is as follows:

DHS: 4 Completers - 2 Certificates Earned 50%
FHS: 41 Completers - 14 Certificates Earned 34%
SSHS: 17 Completer - 3 Certificates Earned 18%
SVS: 4 Completers - 1 Certificates Earned 25%
YHS: 5 Completers - 0 Certificates Earned 0%

CTE GRANTS - PERFORMANCE REPORT

FY18

State Allocation

Agency: **Mineral County School District**

Report Submitted By:



(Signature of authorized representative)

(Date)

JayDee Porras-Grant

(Printed name of authorized representative and title)

Funding Award Amount: **\$ 8,343.79** Funding Amount Used: **\$ 8,283.72**

Funding Amount Not Used: **\$ 60.07**

If not all funds were used please explain why:

The supplies for the construction science came in lower than anticipated.

Overall Grant Purpose

To provide the needed materials and supplies for 2 MCSD CTE programs.

How many projects were approved in the grant? **2**

Instructions:

Please complete and attach one Form J for each project.

- 1) All reports should include
 - A brief description of each project and the amount of funding used for the project.
 - Final outcomes of the evaluation methods which were described in the application.
 - Describe the results of each method. Were the objectives of the project met?
- 2) Competitive Grant reports should also include
 - How the grant funds helped increase the numbers of students who have access to complete CTE programs of study and earn the State Certificate of Skill Attainment.
- 3) CTSO Grant reports should also include
 - Number of Chapters, Student membership, and all conferences participation numbers.
 - Highlight of conference information/results.

FORM J: PROJECT OUTCOMES AND EVALUATION RESULTS

New Program Program Expansion Improvement and Support Staffing

Project Name: **CTE- Foods and Nutrition**

Amount: **\$ 6,624.78**

Project Description

To provide needed materials and supplies for the Food and Nutrition CTE program.

Project Evaluation Methods and Outcomes

Supplies and materials were purchased to assist students in learning about culture, family, and social circles that affect food choices. The foods classes prepared and served meals to school board members and the community utilizing proper dining etiquette. The meals were served on china.

FORM J: PROJECT OUTCOMES AND EVALUATION RESULTS

New Program Program Expansion Improvement and Support Staffing

Project Name: **CTE- Skilled and Technical Science**

Amount: **\$ 1,658.94**

Project Description

To provide materials and supplies for Construction Technology

Project Evaluation Methods and Outcomes

Supplies and materials were purchased to further align the class with Construction Technology Standards. They also explored careers in the Construction Technology Field.

STATE CTE GRANTS - PERFORMANCE REPORT

FY17 Allocation

Agency: **Nye County School District**

Report Submitted By: *Karen Holley*

09/11/18

(Signature of authorized representative)

(Date)

Karen Holley, Coordinator of Federal & State Programs

(Printed name of authorized representative and title)

Funding Award Amount: **\$ 113,030.60** Funding Amount Used: **\$ 110,691.65**

Funding Amount Not Used: **\$ 2,338.95**

If not all funds were used please explain why:

Travel was not used for summer conference and student organizations. It is very difficult to plan for summer conferences and student travel. If it is not used, it has to be identified and reallocated.

Overall Grant Purpose

Funding from the allocated grant is used to support CTE programming that enhances student engagement in expansion of knowledge of workplace readiness skills as well as technical skills required for their futures. Many of the programs use consumable and non-consumable supplies that support program standards and provide additional learning experiences. There is also a need to update materials as industry updates, provide opportunities that regular classrooms are not designed for and support the continuation of programming that is working for student success.

How many projects were approved in the grant? **3**

Instructions:

Please complete and attach one Form J for each project.

- 1) All reports should include
 - A brief description of each project and the amount of funding used for the project.
 - Final outcomes of the evaluation methods which were described in the application.
 - o Describe the results of each method. Were the objectives of the project met?
- 2) Competitive Grant reports should also include
 - How the grant funds helped increase the numbers of students who have access to complete CTE programs of study and earn the State Certificate of Skill Attainment.

FORM J: PROJECT OUTCOMES AND EVALUATION RESULTS

New Program Program Expansion Improvement and Support Staffing

Project Name: **NCSD New Programs**

Amount: **\$ 24,341.18**

Project Description

Funding was spent on the addition of Veterinary Science to Round Mountain High School , Computer Science and IT Essentials to Pahrump Valley High School and Furniture and Cabinetmaking L1 and Welding L2 to Tonopah High School. These programs have continued into the 2018-2019 school year. Other programs that were started were Administrative Services and Entrepreneurship at Tonopah High School. The teacher is not teaching any CTE coursework in the 2018-2019 school year and no funding was spent during the 2017-2018 school year for those new sequences. Enrolment in the courses did not justify the continuation in this small and remote school

Project Evaluation Methods and Outcomes

NCSD has data to show improvement in all areas of tested. The number of certificate earners went up from 35.42% in 2016-2017 to 57.01% in 2017-2018. This jump is attributed to the dedicated CTE teachers at each site that continue to strive towards excellence in instruction.

Technical Assessment Data shows an increase from 55.80% in 2016-2017 to 76.64% in 2017-2018. In 2016-2017, there were 144 students registered for the technical assessment and only 138 participated, making the participation rate 95.83%. In 2017-2018, 107 students were eligible with 107 participating, making it 100% participation rate. This is attributed to the work of the counselors at the school sites.

Workplace Readiness Assessment Data shows that the passing rate was 81.15% in 2016-2017 and 94.29% in 2017-2018. The participation rate also increased for this exam and the number of students that passed the exam was stagnant. The decrease in eligible students is the result of CTE teachers retiring and the district's inability to replace them in the programs they taught for several years.

Overall, the pass rate over a three year period has gone up 6.08%, the percentage of students passing the Workplace Readiness Skills exam has gone up 11.71% and the certificates awarded has gone up by 10.04%.

Another evaluation of the new veterinary science program is that there are students that will be participating in national after the first year of this L3 course in the rural, remote community of Round Mountain.

FORM J: PROJECT OUTCOMES AND EVALUATION RESULTS

New Program Program Expansion Improvement and Support Staffing

Project Name: **NCSD Expanded Programs**

Amount: **\$ 6,467.48**

Project Description

Funding was spent on the addition of Early Childhood, L3 at Pahrump Valley High School. Funding was spent to support the expansion of the program standards with consumable and non-consumable supplies and professional development for the teacher.

Project Evaluation Methods and Outcomes

Early Childhood had 12 students out of 15 pass the Workplace Readiness Skills exam and 13 out of 14 pass the Technical Skills exam. These results are outstanding for the first year of Level 3 students. Detailed data shows that standards 1.3.2, 2.1.2, 2.2.2, 2.2.3, 3.1.2, 3.2.1, 4.2, 4.2.5, 4.3.3, 5.4.5 and 6.2.4 were 100% passed by students. The lowest standard score was in the area of seeking guidance and support from other professionals as needed in documentation of observation and assessment. There was not a Workplace Readiness Skill with lower than 80.98% of the students achieving success.

FORM J: PROJECT OUTCOMES AND EVALUATION RESULTS

New Program Program Expansion Improvement and Support Staffing

Project Name: **NCSD Improvement & Support of Programs**

Amount: **\$ 61,373.61**

Project Description

Funding was spent on the following programs; Agriculture Mechanics Technology - Round Mountain High School, Family and Consumer Sciences - Beatty High School, Culinary Arts - Pahrump Valley High School, Graphic Design - Pahrump Valley High School, Photography - Tonopah High School, Welding Technology - Beatty High School & Tonopah High School, Furniture & Cabinetmaking - Pahrump Valley High School, and Automotive Technology - Pahrump Valley High School. Funding was used to purchase consumables and non-consumables for the engaging work that students do in each CTE classroom. The new Furniture and Cabinet teacher at PVHS purchased equipment to meet his instructional strategies and improve the programming for students. Professional development was also paid for from this funding sources and support for student organizations.

Project Evaluation Methods and Outcomes

NCSD has data to show improvement in all areas of tested. The number of certificate earners went up from 35.42% in 2016-2017 to 57.01% in 2017-2018. This jump is attributed to the dedicated CTE teachers at each site that continue to strive towards excellence in instruction.

Technical Assessment Data shows an increase from 55.80% in 2016-2017 to 76.64% in 2017-2018. In 2016-2017, there were 144 students registered for the technical assessment and only 138 participated, making the participation rate 95.83%. In 2017-2018, 107 students were eligible with 107 participating, making it 100% participation rate. This is attributed to the work of the counselors at the school sites.

Workplace Readiness Assessment Data shows that the passing rate was 81.15% in 2016-2017 and 94.29% in 2017-2018. The participation rate also increased for this exam and the number of students that passed the exam was stagnant. The decrease in eligible students is the result of CTE teachers retiring and the district's inability to replace them in the programs they taught for several years.

Overall, the pass rate over a three year period has gone up 6.08%, the percentage of students passing the Workplace Readiness Skills exam has gone up 11.71% and the certificates awarded has gone up by 10.04%.

The photography program will not continue during the 2018-2019 school year but the only item purchased was a printer. That printer will be used for another CTE program in the district. All of the rest of the program will continue in the district with the support of allocated funding to support and improve engaging instructional practices in the CTE classrooms.

FORM J: PROJECT OUTCOMES AND EVALUATION RESULTS

New Program Program Expansion Improvement and Support: Staffing

Project Name: **NCS D Staffing**

Amount: **\$ 18,509.38**

Project Description

Funding was spent on .25FTE for the Computer Science programming. Two new sequences were added at Pahrump Valley High School with funding from Carl Perkins and CTE Allocated grant to support the teacher. The sequences included Computer Science I and IT Essentials I, which has switched to Cybersecurity during the 2018-2019 school year. This teacher has worked to become licensed in both areas by taking summer coursework and on-line training. Classes have a minimum of 25 students and each sequence was expanded to the next level during the 2018-2019 school year.

Project Evaluation Methods and Outcomes

NCS D has data to show improvement in all areas of tested. The number of certificate earners went up from 35.42% in 2016-2017 to 57.01% in 2017-2018. This jump is attributed to the dedicated CTE teachers at each site that continue to strive towards excellence in instruction.

Technical Assessment Data shows an increase from 55.80% in 2016-2017 to 76.64% in 2017-2018. In 2016-2017, there were 144 students registered for the technical assessment and only 138 participated, making the participation rate 95.83%. In 2017-2018, 107 students were eligible with 107 participating, making it 100% participation rate. This is attributed to the work of the counselors at the school sites.

Workplace Readiness Assessment Data shows that the passing rate was 81.15% in 2016-2017 and 94.29% in 2017-2018. The participation rate also increased for this exam and the number of students that passed the exam was stagnant. The decrease in eligible students is the result of CTE teachers retiring and the district's inability to replace them in the programs they taught for several years.

Overall, the pass rate over a three year period has gone up 6.08%, the percentage of students passing the Workplace Readiness Skills exam has gone up 11.71% and the certificates awarded has gone up by 10.04%.

Students have not completed level 3 yet so there are no test results. However, the fact that the teacher continues to work to become licensed in each area is a sign of commitment for the continuation of the program. The state Computer Science EPP has also visited the classroom and had positive outlooks on the curriculum that is being taught.

STATE CTE GRANTS - PERFORMANCE REPORT

FY18 Allocation

Agency: **Pershing County School District**

Report Submitted By:

09/15/18

(Signature of authorized representative)

(Date)

Thomas R. Brooks

(Printed name of authorized representative and title)

Funding Award Amount: **\$ 12,682.57** Funding Amount Used: **\$ 12,094.40**
Funding Amount Not Used: **\$ 588.17**

If not all funds were used please explain why:

We worked with the districts Grants specialist to ensure that we would not go over budget to avoid spending district money. Being efficient with our funds is very important to our goal every year in our district.

Overall Grant Purpose

The overall grant purpose was to provide learning opportunities to all students in all CTE offerings at Pershing County High School. The funds were used to provide tools and materials to all students enrolled in CTE offerings at Pershing County High school to ensure the best possible learning environment.

How many projects were approved in the grant? **2**

Instructions:

Please complete and attach one Form J for each project.

- 1) All reports should include
 - A brief description of each project and the amount of funding used for the project.
 - Final outcomes of the evaluation methods which were described in the application.
 - Describe the results of each method. Were the objectives of the project met?
- 2) Competitive Grant reports should also include
 - How the grant funds helped increase the numbers of students who have access to complete CTE programs of study and earn the State Certificate of Skill Attainment.
- 3) CTSO Grant reports should also include
 - Number of Chapters, Student membership, and all conferences participation numbers.
 - Highlight of conference information/results.

FORM J: PROJECT OUTCOMES AND EVALUATION RESULTS

New Program Program Expansion Improvement and Support Staffing

Project Name: **Agricultural Mechanics Technology**

Amount: **\$ 10,691.99**

Project Description

The PCHS Ag MechTech program is seeking funding for various supplies and consumable items necessary to teach middle skills and address the State Standards for Ag Mech Tech programs. In addition, the Ag Program is seeking funding for CTSO student travel in our FFA Chapter. Because of the consumable nature of many of the items we use to teach workforce related skills, there is a constant and ongoing need for adequate supplies and materials so that every student has access to said material in order to be able to be actively engaged during class. We believe that being able to get our entry level students involved in the hands-on activities of class they will be motivated to participate in level 2 and 3 classes.

Project Evaluation Methods and Outcomes

We will evaluate the success of this project by tracking the number of students that become completers over the next year. During the 16-17 school year we had 7 completers, 6 in Ag Met Equipment Fabrication Systems and one in Video Productions. It is the intent to increase the number of completers in the areas of Video Productions, Automotive, Ag Met, and diesel Technology. Of those, 3 students earned the certificate, 2 in Ag Met and one in Video Production. It is our intent to improve the number of completers who actually earn the certificate. By continuing to update tooling and supplies to our programs, we can give students better access to the same things that are currently in use in Industry and address the standards pertaining to those items. PCHS will utilize Quality Program Standards to assess and evaluate our CTE programs in order to align with and meet State standards.

The outcomes showed that our pass rate for CTE completers in AG Mech Tech was a high of 83%.

FORM J: PROJECT OUTCOMES AND EVALUATION RESULTS

New Program Program Expansion Improvement and Support Staffing

Project Name: **Video Productions improvement and support** Amount: **\$ 1,402.41**

Project Description

The film and television industries are quickly adapting new and emerging technologies. Students in the Video Production classes at PCHS are exposed to many different types of cameras and video creations. Industries are experimenting with 3D and Virtual video project and PCHS wants to include these technologies in the program to give students a good understanding of new video possibilities and how to use different types of video files in engineering and design.

Objective #1 To increase opportunities for students in the Video Production classes to gain valuable knowledge in different video medias and applications, including new and emerging video creation hardware.

Project Evaluation Methods and Outcomes

Outcome #1 To increase students interest in the Video Production industry and expand student enrollment to increase number of completer students.

At this time the number of students enrolled in video productions has increased by 10 students overall. The total number of completers will be evaluated at the end of the 18-19 school year. Numerically we will experience our greatest number of completers in 19-20.

Video productions increased the number of completers along with a passing rate to 75% on CTE exams.

CTE GRANTS - PERFORMANCE REPORT

FY18 State Allocation

Agency: **Washoe County School District**

Report Submitted By:



(Signature of authorized representative)

08/27/18

(Date)

Lauren Ohlin, Director of Grants

(Printed name of authorized representative and title)

Funding Award Amount: **\$ 926,717.42** Funding Amount Used: **\$ 923,681.89**

Funding Amount Not Used: **\$ 3,035.53**

If not all funds were used please explain why:

The slight amount of unused funds included salary and benefits, student travel, and textbook shipping costs. Reduced certified teacher salary was the result of unpaid leave at the end of the school year. Student travel was reduced National CTSO expenses. Finally, the shipping costs were less than expected for textbook orders.

Overall Grant Purpose

In an effort to prepare students for Nevada's new economy, Washoe County School District (WCSD) has a goal to strategically increase Career & Technical Education (CTE) course offerings throughout the District to ensure that more students complete a three-year program of study, particularly those aligned with industries as the framework for Nevada's economy.

How many projects were approved in the grant? **2**

Instructions:

Please complete and attach **one** Form J for each project.

- 1) All reports should include
 - A brief description of each project and the amount of funding used for the project.
 - Final outcomes of the evaluation methods which were described in the application.
 - Describe the results of each method. Were the objectives of the project met?
- 2) Competitive Grant reports should also include
 - How the grant funds helped increase the numbers of students who have access to complete CTE programs of study and earn the State Certificate of Skill Attainment.
- 3) CTSO Grant reports should also include
 - Number of Chapters, Student membership, and all conferences participation numbers.
 - Highlight of conference information/results.

FORM J: PROJECT OUTCOMES AND EVALUATION RESULTS

New Program Program Expansion Improvement and Support Staffing

Project Name: **FY18 Allocated Grant - STAFFING**

Amount: **\$ 160,305.70**

Project Description

To ensure that more students have access to high quality CTE programs of study aligned to Nevada's economic and workforce priorities, as well as the opportunity to complete a program of study, Washoe County School District requested funding to provide additional staffing to support program expansion specifically in the area of Commercial Culinary, as well as CTE Department support staff to manage expansion of CTE initiatives such as internships and career exploration.

The goals of this project were:

- 1) To provide qualified teachers and staff to support growing programs such that students have the opportunity engage and reach completion levels.
- 2) To increase student participation in Level 1 courses and implement strategies to retain more students throughout the programs of study.

Project Evaluation Methods and Outcomes

Goal 1, Objective 1: Provide staffing support for program expansion and management of initiatives that engage students and support application of acquired skills.

Goal 1, Objective 2: Provide staffing support for internships and off-site work experience opportunities to ensure a quality student experience while reducing impact on existing teacher schedules.

1.a/b) Predicted Outcome: 100% of staff will be hired, qualified and highly effective in supporting the expansion of quality CTE programs.

Evaluation Methods: Staff hiring forms

Result: MET

Goal 2, Objective 1: Provide staffing to engage in strategic community outreach efforts, beginning in middle school, to expand career exploration, increase understanding of CTE courses of study, highlight benefits of enrollment and build excitement about opportunities associated with CTE.

2.a) Predicted Outcome: 100% of staff will be hired and demonstrate an effective outreach effort.

Evaluation Methods: Staff hiring forms & evaluations

Result: MET

2.b) Predicted Outcome: 80% of stakeholders will report that outreach efforts increased their understanding of CTE and associated opportunities.

Evaluation Methods: Survey feedback

Result: MET

Goal 2, Objective 2: Increase retention from Level 1 to 2 and Level 2 to 3 by facilitating industry-student engagement, developing community service opportunities that enhance career understanding, and connect students with high-quality postsecondary opportunities for success.

2.c) Predicted Outcome: Enrollment in L1 will increase by a minimum of 10%

Evaluation Method: Infinite Campus enrollment records

Result: MET - 12% increase

2.d) Predicted Outcome: Retention rates from L1 to L2 and L2 to L3 will increase 5-10%

Evaluation Method: Infinite Campus enrollment records

Result: MET - 10% increase

FORM J: PROJECT OUTCOMES AND EVALUATION RESULTS

New Program Program Expansion Improvement and Support Staffing

Project Name: **FY18 Allocated Grant - Improvement/Support** Amount: **\$ 766,411.72**

Project Description

To ensure that more students have access to high quality CTE programs of study aligned to Nevada's economic and workforce priorities, as well as the opportunity to complete a program of study, Washoe County School District requested funding to provide professional development; engage in promotional efforts; provide career exploration experiences; and provide industry-standard equipment & supplies.

Improvement goals were:

- 1) Engage in strategic promotional efforts.
- 2) Expand opportunities for career exploration.

Support goals were:

- 1) Provide access to industry-standard equipment and resources.
- 2) Promote and support Career Technical Student Organizations.

Project Evaluation Methods and Outcomes

Improvement Objectives

Goal 1, Objective 1: Create & distribute promotional materials with the purpose of increasing enrollment/program demand.

- 1.a) Projected Outcome: 100% of promotional materials will be created and distributed appropriately.

Evaluation Method: Materials & distribution lists Result: MET

Goal 2, Objective 1: Implement/expand career exploration events for middle & high school students.

- 2.a) Projected Outcome: At least 5,000 MS and 1,500 HS students will participate in career exploration activities

Evaluation Method: Participation and attendance records Result: MET

Goal 2, Objective 2: All CTE teachers will receive professional development (PD).

- 2.b) Projected Outcome: 80% of teachers will report that PD improved their capacity to teach CTE

Evaluation Method: Staff feedback survey Result: MET

Goal 2, Objective 3: Specialty professional development will be provided to CTE teachers in their area.

- 2.c) Projected Outcome: 80% of CTE teachers who require specialized training will have access

Evaluation Method: Training registration/completion records Result: MET

Goal 2, Objective 4: All CTE teachers will receive PD and/or support in teaching strategies for special population students.

- 2.d) Projected Outcome: 60% of teachers will demonstrate increased use of specialized strategies to support struggling learners

Evaluation Method: Monthly observation data Result: MET

Support Objectives

Goal 1, Objective 1: Purchase industry-standard resources needed for high quality instruction.

- 1.a) Projected Outcome: 100% of equipment and resources will be purchased.

Evaluation Method: Purchasing/Receiving documents Result: MET

Goal 2, Objective 1: Expand opportunities for student participation in CTSO events.

- 1.b) Projected Outcome: At least 800 students will participate in CTSO events.

Evaluation Method: CTSO registration Result: MET

CTE GRANTS - PERFORMANCE REPORT

FY18

State Allocation

Agency: White Pine County School District

Report Submitted By:



(Signature of authorized representative)

Rebecca Murdock, Principal

(Printed name of authorized representative and title)

9/26/2018

(Date)

Funding Award Amount: \$34,598.93 **Funding Amount Used:** \$27,576.97

Funding Amount Not Used: \$7021.96

If not all funds were used please explain why:

All approved items were ordered. Items ordered were less than budgeted due to sales and finding better pricing. The remaining balance is the result of those sales and competitive bidding.

Overall Grant Purpose

Through the work of the White Pine CTE Advisory Council, the District's CTE strategy as a whole has been reshaped in the last few years. Rather than attempting to maintain programs that have been around for decades, the group has examined the data from the Governor's Office for Economic Development and identified ways to leverage CTE competitive funds to keep CTE vibrant and alive in the District while simultaneously moving forward to eliminate archaic and/or less sustainable programs and replace them with programs that are in demand and have the potential to graduate students into high paying fields. Hence, several programs were replaced with more current and relevant Programs of Study to better prepare students for high wage, high demand occupations in Nevada. The overall purpose of this grant was to provide support to these improvements.

How many projects were approved in the grant? 6

Instructions:

Please complete and attach one Form J for each project.

- 1) All reports should include
 - A brief description of each project and the amount of funding used for the project.
 - Final outcomes of the evaluation methods which were described in the application.
 - Describe the results of each method. Were the objectives of the project met?
- 2) Competitive Grant reports should also include
 - How the grant funds helped increase the numbers of students who have access to complete CTE programs of study and earn the State Certificate of Skill Attainment.
- 3) CTSO Grant reports should also include
 - Number of Chapters, Student membership, and all conferences participation numbers.
 - Highlight of conference information/results.

FORM J: PROJECT OUTCOMES AND EVALUATION RESULTS

New Program Program Expansion Improvement and Support Staffing

Project Name: Agricultural Science - WPHS

Amount: \$10,345

Project Description

The requested funds facilitate improved program completion rates by providing students with access to curriculum and supplies that are aligned with state standards and have the latest, most updated information available through the industry. Students are attracted to programs that they feel benefit them. Therefore, it is essential to have teachers who know how to properly use new equipment. Moreover, students want to continue in programs where they see they are making progress. The funds requested for improved curriculum and instructor materials are key to helping students see they are making progress.

The funds requested help improve a program that serves some of the District's most at risk students. Enrollment data suggests that a high proportion of FRL and IEP students benefit from the experience. Local data from the Juvenile Probation program indicates that the population most at risk in White Pine is boys. These programs serve many of these boys and allow them constructive ways to spend their time, develop skills, and prepare for the future.

Project Evaluation Methods and Outcomes

WPCSD uses the following evaluation methods on a regular basis to assess the outcomes of students, the success of the program, and what needs to be changed for improvement to occur. These data points and metrics are analyzed yearly as part of the schools' improvement plan processes and also as part of the District improvement plan.

- State CTE End of Program Technical Assessments
 - 96% participation
 - 46% passing rate
- State CTE Workplace Readiness Skills Assessment
 - 96% participation
 - 71% passing rate
- WPCSD developed Student Learning Goal common assessments used formatively by teachers
- Percentage of students earning CTE Certificate of Skill Attainment each year
 - 10 of 27 students earned a certificate in 2018, 37%
- Percentage of students earning a CTE endorsement and advanced diploma
 - 30% of students earning a CTE endorsement also graduated with an advanced diploma

The objective of increasing students' levels of learning was met in some part. The passing rates for the technical assessment dropped, but the passing rates for the workplace skills increased by 10%. The percentage of students earning a skill certificate doubled from the low the year before.

Specific Outcomes:

The welding classes at WPHS are very popular. 57 students, about 16% of the WPHS student body, are enrolled in the first year class. 24 more students continued into upper level courses. Students are able to demonstrate skills gained in the courses; however, the pass rate for the technical assessments is low. Further professional development for the instructor is necessary to understand the disconnect between performance of the skill and the need to teach literacy and prepare to answer questions to demonstrate learning.

FORM J: PROJECT OUTCOMES AND EVALUATION RESULTS

New Program Program Expansion Improvement and Support Staffing

Project Name: Agricultural Science - Lund

Amount: \$5,756.93

Project Description

The economy of Lund is based heavily on agriculture. This project allows WPCSD to meet the heavy demand for education related to this field. The District asked for 0.33 FTE funding in the Competitive Grant to expand the current offering of Agricultural Science I into the Ornamental Horticulture/Greenhouse Management Program of Study. Previous to that grant, and despite statewide objectives through the STIP to provide opportunities, students in Lund had no Program of Study which would allow students to earn some type of industry certification. With that grant and this money to enhance that project, students now can move through the pathway as defined in the Program of Study, culminating with Greenhouse Management. Lund already had a fully functioning and impressive greenhouse thanks to previous CTE grants. The program expansion, bringing in part time teachers who already have expertise in the industry, would allow the existing greenhouse's potential to be maximized and for students to earn industry certification.

This same funding allowed for support to a new Program of Study to be offered: Agricultural Mechanics Technology. This allows another potential industry certification to allow students to graduate College and Career Ready. They would have the opportunity to progress to the terminal course and enter into high wage, high skill jobs such as welders, agriculture engineers, machinists, and equipment managers.

Project Evaluation Methods and Outcomes

WPCSD uses the following evaluation methods on a regular basis to assess the outcomes of students, the success of the program, and what needs to be changed for improvement to occur. These data points and metrics are analyzed yearly as part of the schools' improvement plan processes and also as part of the District improvement plan.

- State CTE End of Program Technical Assessments
 - 96% participation
 - 46% passing rate
- State CTE Workplace Readiness Skills Assessment
 - 96% participation
 - 71% passing rate
- WPCSD developed Student Learning Goal common assessments used formatively by teachers
- Percentage of students earning CTE Certificate of Skill Attainment each year
 - 10 of 27 students earned a certificate in 2018, 37%
- Percentage of students earning a CTE endorsement and advanced diploma
 - 30% of students earning a CTE endorsement also graduated with an advanced diploma

The objective of increasing students' levels of learning was met in some part. The passing rates for the technical assessment dropped, but the passing rates for the workplace skills increased by 10%. The percentage of students earning a skill certificate doubled from the low the year before.

Specific Outcomes:

9 of the 12 LHS students were enrolled in the Horticulture class. 6 of those 9, 66%, were male. 8 of the 12 students were enrolled in Agricultural Mechanics Technology. All but one were male.

Enrollment in new programs were increased by the very fact that the programs didn't exist prior to this funding.

FORM J: PROJECT OUTCOMES AND EVALUATION RESULTS

New Program Program Expansion Improvement and Support Staffing

Project Name: WPHS Automotive Service Technician/Diesel Technology Amount: \$6,099

Project Description

White Pine requested the funding in the Competitive Grant for the salary and benefits for a FTE teacher to continue the new programs of Automotive Service Technician and Diesel Technology. Without funding, the two programs would be eliminated by budget cuts and replaced with nothing. A large population of students will be able to continue in their career paths and expand to additional programs. The addition of the Diesel program increased enrollment in CTE programs at WPHS. In addition to the funding of the FTE, WPCSD applied for and received this grant money for equipment to expand and support these programs.

Project Evaluation Methods and Outcomes

WPCSD uses the following evaluation methods on a regular basis to assess the outcomes of students, the success of the program, and what needs to be changed for improvement to occur. These data points and metrics are analyzed yearly as part of the schools' improvement plan processes and also as part of the District improvement plan.

- State CTE End of Program Technical Assessments
 - 96% participation
 - 46% passing rate
- State CTE Workplace Readiness Skills Assessment
 - 96% participation
 - 71% passing rate
- WPCSD developed Student Learning Goal common assessments used formatively by teachers
- Percentage of students earning CTE Certificate of Skill Attainment each year
 - 10 of 27 students earned a certificate in 2018, 37%
- Percentage of students earning a CTE endorsement and advanced diploma
 - 30% of students earning a CTE endorsement also graduated with an advanced diploma

The objective of increasing students' levels of learning was met in some part. The passing rates for the technical assessment dropped, but the passing rates for the workplace skills increased by 10%. The percentage of students earning a skill certificate doubled from the low the year before.

Specific Outcomes:

Enrollment projections were not met as regards getting females into the programs. First year enrollment in AST was near the target, but Diesel was far below. 3 of the 5 students taking the completer course passed it and earned certification. They had to take on extra studies to meet the qualifications after their former program of study was replaced with AST as upper classmen. Only two of the five passed the WRS assessment.

Enrollment in new programs were increased by the very fact that the programs didn't exist prior to this funding. 73 students at WPHS, about 20% of the student body, enrolled in one of the Auto or Diesel courses.

FORM J: PROJECT OUTCOMES AND EVALUATION RESULTS

New Program Program Expansion Improvement and Support Staffing

Project Name: Information Technology

Amount: \$500

Project Description

Through an analysis of needs in White Pine and across the state, it was time to replace programs with ones that are in higher demand and could potentially result in more opportunities for graduates. At the time of this application, three programs were to be eliminated by budget cuts. This grant allowed the District to replace those programs by funding the FTE instructor. Through CTE recruitment and advertising, students enrolled in actual Programs of Study rather than simply taking the required 0.5 computer credit for graduation. By expanding the technology offerings, there will be a higher completion rate by default in these particular programs. In addition to this funding, other grant money was used to purchase new computer stations for the classroom. This project is a request to purchase supplies for student use in Computer Science and Web Design and Development.

Project Evaluation Methods and Outcomes

WPCSD uses the following evaluation methods on a regular basis to assess the outcomes of students, the success of the program, and what needs to be changed for improvement to occur. These data points and metrics are analyzed yearly as part of the schools' improvement plan processes and also as part of the District improvement plan.

- State CTE End of Program Technical Assessments
 - 96% participation
 - 46% passing rate
- State CTE Workplace Readiness Skills Assessment
 - 96% participation
 - 71% passing rate
- WPCSD developed Student Learning Goal common assessments used formatively by teachers
- Percentage of students earning CTE Certificate of Skill Attainment each year
 - 10 of 27 students earned a certificate in 2018, 37%
- Percentage of students earning a CTE endorsement and advanced diploma
 - 30% of students earning a CTE endorsement also graduated with an advanced diploma

The objective of increasing students' levels of learning was met in some part. The passing rates for the technical assessment dropped, but the passing rates for the workplace skills increased by 10%. The percentage of students earning a skill certificate doubled from the low the year before.

Specific Outcomes:

Enrollment projections were met for first year courses. There is, however, still a significant decrease in the number of students continuing to second year coursework in the three programs. Web Design and Development is the most popular, and students are requesting courses in gaming and graphic design rather than Computer Science. This request has been referred to the Technical Advisory Committee for review this year. No students have reached completer courses yet to evaluate pass rates on assessments.

Enrollment in new programs were increased by the very fact that the programs didn't exist prior to this funding. 92 students at WPHS, about 25% of the student body, enrolled in one of the technology courses funded through this grant.

FORM J: PROJECT OUTCOMES AND EVALUATION RESULTS

New Program Program Expansion Improvement and Support Staffing

Project Name: Education, Hospitality, and Human Services

Amount: \$7,378

Project Description

The Health Sciences program at WPHS has been historically the most successful as defined by the percentage of graduates of the program being employed in a Health Sciences related field. The purpose of this grant request was to purchase support materials and equipment to expand the program into being a true "magnet" to students in the school by offering CNA and Sports Medicine in our state of the art \$2.1 million Health Science wing. With the Sports Medicine component, the school desires to dramatically increase the proportion of non-traditional participants in the programs.

Project Evaluation Methods and Outcomes

WPCSD uses the following evaluation methods on a regular basis to assess the outcomes of students, the success of the program, and what needs to be changed for improvement to occur. These data points and metrics are analyzed yearly as part of the schools' improvement plan processes and also as part of the District improvement plan.

- State CTE End of Program Technical Assessments
 - 96% participation
 - 46% passing rate
- State CTE Workplace Readiness Skills Assessment
 - 96% participation
 - 71% passing rate
- WPCSD developed Student Learning Goal common assessments used formatively by teachers
- Percentage of students earning CTE Certificate of Skill Attainment each year
 - 10 of 27 students earned a certificate in 2018, 37%
- Percentage of students earning a CTE endorsement and advanced diploma
 - 30% of students earning a CTE endorsement also graduated with an advanced diploma

The objective of increasing students' levels of learning was met in some part. The passing rates for the technical assessment dropped, but the passing rates for the workplace skills increased by 10%. The percentage of students earning a skill certificate doubled from the low the year before.

Specific Outcomes:

Enrollment projections were nearly met for first year courses, doubling past enrollments. Enrollment in the CNA program remained steady to past years. The number of males students in the Health Science I classes did not meet the desired outcome, however, of the students electing to take Sports Medicine as a stand alone course, 38% were male. This number would suggest that our desired outcome to increase non-traditional students in this department is on course to be met. 88% of the students taking the Nursing Assistant Assessment passed. 75% passed the WRS Assessment.

Enrollment in new programs were increased by the very fact that the programs didn't exist prior to this funding. 54 students at WPHS, about 15% of the student body, enrolled in one of the Health Sciences courses funded through this grant.

FORM J: PROJECT OUTCOMES AND EVALUATION RESULTS

New Program Program Expansion Improvement and Support Staffing

Project Name: District

Amount: \$4,520

Project Description

The WPCSD CTE Advisory Council and District administration and teaching staff recognize the essential nature of honing the craft. That is to say that programs are only as good as their teachers. Therefore, the Council identified that on-going professional development is not just nice to have but is actually crucial, vital, fundamental, even imperative if the District wishes to see improved outcomes for students. Consequently, funds were requested for teachers and counseling staff to attend the Nevada CTE conference where they can network with other professionals, learn from colleagues, pick the brains of experts in the field, and in short, continue in the process of continuous improvement.

It is equally important for counseling staff to attend so as to more fully establish career guidance services and assist counseling staff in understanding how CTE benefits White Pine students.

Project Evaluation Methods and Outcomes

WPCSD uses the following evaluation methods on a regular basis to assess the outcomes of students, the success of the program, and what needs to be changed for improvement to occur. These data points and metrics are analyzed yearly as part of the schools' improvement plan processes and also as part of the District improvement plan.

- State CTE End of Program Technical Assessments
 - 96% participation
 - 46% passing rate
- State CTE Workplace Readiness Skills Assessment
 - 96% participation
 - 71% passing rate
- WPCSD developed Student Learning Goal common assessments used formatively by teachers
- Percentage of students earning CTE Certificate of Skill Attainment each year
 - 10 of 27 students earned a certificate in 2018, 37%
- Percentage of students earning a CTE endorsement and advanced diploma
 - 30% of students earning a CTE endorsement also graduated with an advanced diploma

The objective of increasing students' levels of learning was met in some part. The passing rates for the technical assessment dropped, but the passing rates for the workplace skills increased by 10%. The percentage of students earning a skill certificate doubled from the low the year before.