



REQUEST FOR APPLICATION

SENATE BILL 200 – COMPUTER SCIENCE EDUCATION GRANT

Clark County School District, Washoe County School District
Rural and Charter School Districts

IMPORTANT INFORMATION OVERVIEW:

- Purpose:** To help districts and charter schools to meet the provisions outlined in Senate Bill 200; to expand computer science education to all K-12 students in Nevada; to provide quality professional development that will directly impact teachers and students in ways to teach to the standards for computer science and computational thinking in the classroom; to provide quality professional development for administrators and counselors in efforts to increase CS enrollment by females, students with disabilities, and underrepresented groups in the field of computer science.
- Proposals Due:** **April 30, 2018, by 5:00pm**
- Funding Available:** Total allocation for FY 19 is \$400,000 (rural/charter), \$800,000 (Clark), and \$200,000 (Washoe) – this is a non-competitive grant allocation
- Eligibility:** Rural and charter school districts only. (Clark County School District and Washoe County School District have specific assigned amounts). Rural districts may apply as a consortium. Charter schools under the same umbrella (i.e. same name but different locations) will be considered one “district” despite different charters they may have, similar to public school districts with multiple schools. (SB 200 Section 8)
- Website:** [NDE Grants Page](#)
- NDE Contact:** Program questions: Cindi Chang, EPP over Computer Science | 702.486.7952 | cchang@doe.nv.gov
Budget questions: Sondra Neudauer, Grants Analyst | 775.687.9181 | sneudauer@doe.nv.gov



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INTRODUCTION:

Computer Science is more than just computer programming. It is computational thinking, logical reasoning, critical thinking, and problem solving. These are tools our students need to be successful in the world they are now living in and the future that is to come.

“These skills strengthen local community, national innovation, and opportunities for youth. Computer Science – not computer literacy – underlies most innovation today, from biotechnology to cinematography to national security. Yet, the majority of U.S. schools require only students use computers. Seldom do schools prepare students to innovate and create the new technologies that drive local and national economies. This ability to innovate with technology is also important for students’ future success and ability to make a difference in a global society.” (NCWIT.org)

Only 104 high school students in Nevada took an AP Computer Science exam in 2016 – of that, only 21% were female, only 12 students were Hispanic or Latino, only 2 students were black, no students were Native American or Alaska Native, and only 1 student was Native Hawaiian or Pacific Islander (Code.org and College Board). Nevada needs to do a better job at providing equitable computer science education to ALL students in our state.

Senate Bill 200 was enacted to expand Computer Science education, to help move Nevada forward to more equitable access for all students, and to assist district leaders and classroom teachers in the implementation of these initiatives through high quality professional development.

FUNDING TIMELINE:

March 30, 2018	Request for Application (RFA) opens 8:00am
April 30, 2018	Request for Application (RFA) closes at 5:00pm
May 31, 2018	Awards sent to districts and charters, on or before this date
June 1, 2018	Districts may begin submitting funding requests for approval prior to purchase
July 1, 2018	Approved expenditures may begin and RFF forms may be submitted
June 30, 2019	End of allocation period

ELIGIBLE USE OF FUNDS:

Senate Bill 200 outlines provisions that need to be met at various times over the course of the next few years. These funds are to be used to directly meet those provisions. Included are some suggested uses of funds that are approved and should help you meet the requirements.

- **Professional Development** that will directly impact teachers and students in ways to teach to the standards for computer science and computational thinking in the classroom; may include teacher stipends for qualified professional development. (SB 200 Section 5.5)
- **Professional Development for administrators and counselors** on new graduation and college admission requirements with regards to computer science courses, teacher licensure requirements, and efforts to increase enrollment by females, students with disabilities, and underrepresented groups in the field of computer science. (SB 200 Sections 2-3)
- **Curriculum/ Equipment/Professional Development** that directly ties to computer science instruction and the expansion of computer science education in all grade levels. (e.g. Robotics kits to be used within curriculum developed to implement the new K-12 Computer Science standards in a fifth grade math class*). (SB 200 Section 2-3) **only one example of many possible*

NOTE: *You may have noticed the heavy emphasis on professional development in SB 200. Requests for equipment alone without a plan for broadening computer science across all grade levels or teacher professional development in computer science and computational thinking instruction will not be approved. This Computer Science Education Grant is different than previous education technology (Ed Tech) grants that primarily supply equipment and provide training on that specific equipment for use in the classroom.*

APPLICATION REQUIREMENTS:

Please submit the following –

- Completed application form (Section 1)
- A brief narrative on the goals and measurable outcomes of the use of these funds to support computer science education in your district (Section 2)
- A budget summary and narrative (attached)
- Statement of Certification and Assurances (attached)

Send these application items via email to cchang@doe.nv.gov **AND** slneudauer@doe.nv.gov
NO LATER than April 30, 2018, by 5:00pm.

CONTACT INFORMATION:

Program questions: Cindi Chang, EPP Computer Science | 702.486.7952 | cchang@doe.nv.gov

Budget questions: Sondra Neudauer, NDE Grants Analyst | 775.687.9181 | slneudauer@doe.nv.gov

Nevada Department of Education
9890 S. Maryland Pkwy, Suite 221
Las Vegas, NV 89183



GRANT APPLICATION

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SECTION 1:

Name of charter/district or list of districts in consortium: (consortiums – please list agent district first)-

Contact Person(s): _____

Job Title: _____

Address: _____

Phone: _____

Email(s): _____

Amount Requested: \$ _____

SECTION 2:

In an attached document, please supply a brief narrative on the goals and measurable outcomes of the use of these funds to support computer science education in your district/charter. Please include:

- Overall goal of your project (should include equity and diversity component)
- Professional development plan (include estimated number of educators– teachers, counselors, administrators - to be trained)
- Expected measurable outcomes (include estimated number of students to be reached and the grade levels targeted)
- Proposed technology purchases and how they will expand computer science education specifically
- Next steps: what is your district/charter’s overall vision for computer science education?