

DIGITAL GAME DEVELOPMENT

This recommended list is based upon a classroom size of 25 students. All costs are estimated and should be adjusted and verified with current quotes. No specific equipment vendor or brand names are endorsed due to various possibilities, but school districts should consult with stakeholders to ensure industry-recognized equipment and software are purchased. The intent of this list is to provide school districts with guidance on the equipment needed to cover the state standards for a Digital Game Development program.

CLASSROOM EQUIPMENT**TOTAL: \$17,680**

QTY	ITEM DESCRIPTION	UNIT	TOTAL
25	Student Workstations w/chairs	\$400	\$10,000
1	Teacher Workstation w/chair	\$400	\$400
1	Teacher Computer (enhanced graphics/memory/speed, download capable)	\$2,500	\$2,500
1	Presentation Equipment (e.g., interactive whiteboard (IWB), or other interactive display system with software and accessories)	\$3,000	\$3,000
1	Networkable Laser Printer (black/white or color)	\$400	\$400
1	Vertical File Cabinet (lockable)	\$330	\$330
2	Storage Cabinets (36" x 12" x 72") (lockable)	\$300	\$600
2	Bookcases (36" x 12" x 42")	\$115	\$230
2	White Boards (4' x 8')	\$110	\$220

PROGRAM EQUIPMENT**TOTAL: \$80,000**

QTY	ITEM DESCRIPTION	UNIT	TOTAL
25	Student Computers (enhanced graphics/memory/speed, download capable)	\$2,500	\$62,500
2	Rendering Stations (enhanced graphics/memory/speed)	\$2,500	\$5,000
10	Tablets (enhanced memory/speed)	\$500	\$5,000
1	Technology Storage/Charging System (optional)	\$2,000	\$2,000
1	3-D Printer	\$2,000	\$2,000
1	Large Graphic Display (high resolution TV/monitor)	\$2,000	\$2,000
1	High Resolution Printer	\$1,500	\$1,500

INSTRUCTIONAL MATERIALS**TOTAL: \$5,500**

QTY	ITEM DESCRIPTION	UNIT	TOTAL
25	Student Textbooks (Approved by NDE)	\$100	\$2,500
1	Teacher Textbook Edition and Resources	\$500	\$500
1	Digital Editing and Enhancing Software (500 license)	\$2,500	\$2,500

INSTRUCTIONAL SUPPLIES

TOTAL:

\$8,950

QTY	ITEM DESCRIPTION	UNIT	TOTAL
25	Digital Drawing Tablets w/pen	\$300	\$7,500
3	External High-capacity Storage Drives (1 TB)	\$150	\$450
Varies	Computer Accessories (cases, covers, etc.) (optional)	\$500	\$500
Varies	Assorted Supplies (ink/toner cartridges, filament, etc.)	\$500	\$500

OTHER

TOTAL:

\$0

QTY	ITEM DESCRIPTION	UNIT	TOTAL
N/A	No Other	\$0	\$0

CATEGORY TOTALS:

CLASSROOM EQUIPMENT	\$17,680
PROGRAM EQUIPMENT	\$80,000
INSTRUCTIONAL MATERIALS	\$5,500
INSTRUCTIONAL SUPPLIES	\$8,950
OTHER	\$0
ESTIMATED PROGRAM TOTAL	\$112,130