

**R277. Education, Administration.**

**R277-473. [Utah]K-12 Computer Science for Utah Grant.**

**R277-473-1. Authority, ~~[and]~~ Purpose, and Oversight Category.**

(1) This rule is authorized by:

(a) Utah Constitution [Article X, Section 3](#), which vests general control and supervision over public education in the Board;

(b) Subsection [53E-3-401](#)(4), which allows the Board to make rules to execute the Board's duties and responsibilities under the Utah Constitution and state law; and

~~[(c) Subsection 63N-12-506(5) which allows the Board, in consultation with the Talent Ready Utah Board, to make rules outlining a grant recipient's reporting requirements; and~~

~~—— (d) Subsection 63N-12-506(7) which allows the Board to make rules outlining additional requirements for a grant recipient to include in the grant recipient's computer science grant plan.~~

~~—— (2) The purpose of this rule is to outline:~~

~~—— (a) the reporting requirements for a grant recipient; and~~

~~—— (b) the additional criteria required for a grant recipient to include in the grant recipient's computer science grant plan.~~

**~~R277-473-2. Definitions.~~**

~~—— (1) "Computer science advisory committee" or "advisory committee" means the computer science advisory committee established in Section R277-473-5.~~

~~—— (2) "Talent Ready Board" means the same as the term is defined in Subsection 63N-12-503.~~

**~~R277-473-3. Incorporation of Utah's Master Plan.~~**

~~—— (1) This rule incorporates by reference the Utah Master Plan, August 2019, which~~

~~—— (2) A copy of the Utah Master Plan is located at:~~

30 ~~—— (a) <https://schools.utah.gov/administrativerules/documentsincorporated>; and~~

31 ~~—— (b) the Utah State Board of Education – 250 East 500 South, Salt Lake City,~~  
32 ~~Utah 30 84111.~~

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34 **~~R277-473-4. LEA Planning Grants.~~**

35 ~~—— (1) An LEA may apply for a planning grant in preparation for a full LEA plan and~~  
36 ~~receiving a Computer Science Initiative Grant as described in this rule.~~

37 ~~—— (2) A planning grant awarded under Subsection (1) shall be in the amount~~  
38 ~~determined by student enrollment within the USBE state tier system up to \$30,000.~~

39 ~~—— (3) In order to qualify for a planning grant, an LEA shall:~~

40 ~~—— (a) send an LEA representative to a pre-grant submission training conducted by~~  
41 ~~the Superintendent; and~~

42 ~~—— (b) complete a readiness assessment created by the Superintendent that~~  
43 ~~provides an analysis for existing K-12 computer infrastructure in preparation for a grant.~~

44 ~~—— (4)(a) If an LEA receives a planning grant, the LEA shall submit an LEA plan as~~  
45 ~~set forth in Section R277-473-7 and 8 within two years of grant approval.~~

46 ~~—— (b) An LEA that fails to submit an LEA plan within two years of grant approval~~  
47 ~~shall reimburse funds awarded under Subsection (2).~~

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49 **~~R277-473-5. Computer Science Advisory Committee Duties.~~**

50 ~~—— (1) The Superintendent shall create a computer science advisory committee.~~

51 ~~—— (2) The advisory committee shall include the following members as non-voting~~  
52 ~~chairs:~~

53 ~~—— (a) the Superintendent; and~~

54 ~~—— (b) the Executive Director of the Governor's Office of Economic Development or~~  
55 ~~designee.~~

56 ~~—— (3) In addition to the chairs described in Subsection (1), the Board, in~~  
57 ~~consultation with the Talent Ready Utah Board, shall appoint five members to the~~  
58 ~~advisory committee as follows:~~

- 59 ——— (a) an industry representative;
- 60 ——— (b) one member who represents a school district with expertise in digital
- 61 teaching and learning;
- 62 ——— (c) one member who represents a charter school with expertise in digital
- 63 teaching and learning;
- 64 ——— (d) a member of higher education; and
- 65 ——— (e) a non-profit national computer science organization representative.
- 66 ——— (3) The advisory committee shall:
- 67 ——— (a) oversee review of an LEA plan to determine whether the LEA plan meets the
- 68 criteria described in Subsection 63N-12-506(7);
- 69 ——— (b) make a recommendation to the Superintendent and the Board on whether
- 70 the Board should approve or deny an LEA plan;
- 71 ——— (c) make recommendations to an LEA on how the LEA may improve the LEA's
- 72 plan; and
- 73 ——— (d) perform other duties as directed by:
- 74 ——— (i) the Board; or
- 75 ——— (ii) the Superintendent.
- 76 ——— (4) The advisory committee may select additional LEA plan reviewers to assist
- 77 the advisory committee with the work described in Subsection (3).
- 78 ——— (5) The advisory committee, or the Superintendent on behalf of the advisory
- 79 committee, shall present the advisory committee's recommendations on whether to
- 80 approve or deny each LEA plan to the Board for the Board's approval.

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82 **~~R277-473-6. Board Approval or Denial of an LEA's Plan.~~**

- 83 ——— (1) The Board shall approve or deny each LEA plan submitted by the advisory
- 84 committee.
- 85 ——— (2) If the Board denies an LEA's plan, the LEA may amend and re-submit the
- 86 LEA's plan to the advisory committee until the Board approves the LEA plan.

~~\_\_\_\_\_ (3) The Board shall submit an approved LEA plan to the Talent Ready Utah Board for final approval as described in Subsection 63N-12-506(4).~~

**~~R277-473-7. LEA Plan Requirements.~~**

~~\_\_\_\_\_ (1) An LEA shall develop a four-year plan in cooperation with educators, paraeducators, and parents.~~

~~\_\_\_\_\_ (2) A plan shall be consistent with Subsection 63N-12-506(7) and include a comprehensive model outlined for each grade level.~~

**~~R277-473-8. Grant Distribution.~~**

~~\_\_\_\_\_ (1) If an LEA's plan is approved by the Board, the Superintendent shall distribute grant money to the participating LEA as described in this section.~~

~~\_\_\_\_\_ (2)(a) An LEA with an approved plan may receive up to the LEA's requested amount up to \$250,000 for four years.~~

~~\_\_\_\_\_ (3) The Superintendent and advisory committee shall make computer science grant amount recommendations to the Board.~~

~~\_\_\_\_\_ (4) The computer science grant amount recommendations shall be based on:~~

~~\_\_\_\_\_ (a) an LEA's ability to satisfy the requirements of Subsection 63N-12-506(7);~~

~~\_\_\_\_\_ (b) an LEA's completion of all the requirements listed in Subsection R277-473-4;~~

~~\_\_\_\_\_ (c) an LEA's computer science leadership and team;~~

~~\_\_\_\_\_ (d) an LEA's vision as outlined in an abstract of the LEA's computer science plan;~~

~~\_\_\_\_\_ (e) the quality of the LEA's computer science curriculum and standards;~~

~~\_\_\_\_\_ (f) the professional learning an LEA has created for effective computer science teachers;~~

~~\_\_\_\_\_ (g) an LEA's outreach and communication plan for the LEA's computer science program;~~

~~\_\_\_\_\_ (h) an LEA's demonstration of compliance with:~~

~~\_\_\_\_\_ (i) data and reporting requirements; and~~

- 116 ——— (ii) the grant application's Statement of Assurances; and  
117 ——— (i) an LEA's proposed budget.  
118 ——— (5)(a) If an LEA's plan is not approved during year one of the program, the  
119 advisory committee and the Superintendent shall provide additional supports to help the  
120 LEA become a qualifying LEA.  
121 ——— (b) The Superintendent shall redistribute the funds an LEA would have been  
122 eligible to receive, in accordance with the competitive awards, to other qualifying LEAs if  
123 the LEA's plan is not approved after additional support described in Subsection (6)(a) is  
124 given.  
125 ——— (6) A non-qualifying LEA may reapply for grant money in subsequent years  
126 based on the LEA's plan being approved by the Board.

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128 **~~R277-473-9. Prohibited Uses of Grant Money.~~**

- 129 ——— A participating LEA may not use the grant money:  
130 ——— (1) to fund non-computer science programs;  
131 ——— (2) to purchase mobile telephones;  
132 ——— (3) to fund voice or data plans for mobile telephones;  
133 ——— (4) to supplant local funds; or  
134 ——— (5) for any expenditure outside of an LEA's budget for the LEA's approved plan.

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136 **~~R277-473-10. Participating LEA Reporting Requirements.~~**

- 137 ——— (1) An LEA shall provide a report as described in Subsections 63N-12-  
138 506(8)(a), (b), and (c).  
139 ——— (2)(a) An LEA shall annually, on or before June 1, post to the LEA's website and  
140 submit to the state board, a report that includes:  
141 ——— (i) the number of sections of computer science courses by course code or  
142 programs offered in each school;  
143 ——— (ii) the number and percentage of students enrolled in a computer science  
144 course or program by:

- 145 ——— (A) ~~gender~~;
- 146 ——— (B) ~~race and ethnicity~~;
- 147 ——— (C) ~~special education status~~;
- 148 ——— (D) ~~English language learner status~~;
- 149 ——— (E) ~~eligibility for free and reduced lunch program~~; and
- 150 ——— (F) ~~grade level~~;
- 151 ——— (iii) ~~the number of computer science instructors at each school by:~~
- 152 ——— (A) ~~endorsement, if any~~; and
- 153 ——— (B) ~~gender~~;
- 154 ——— (b) ~~The LEA shall replace the number with a symbol if a category described in~~
- 155 ~~Subsection (1)(a)(ii) contains:~~
- 156 ——— (i) ~~fewer than six students~~; or
- 157 ——— (ii) ~~a number that would allow the number of another category that is fewer than~~
- 158 ~~six to be deduced.]~~
- 159 (c) Section [53B-34-106](#), which allows the Board to establish rules for grant
- 160 application and reporting requirements.
- 161 (2) The purpose of this rule is to establish standards and procedures for LEAs
- 162 seeking to receive K-12 Computer Science for Utah Grant funds.
- 163 (3) This rule is categorized as Category 3 as described in Rule [R277-111](#).
- 164
- 165 **R277-473-2. Definitions.**
- 166 (1) “College and Career Awareness” or “CCA” has the same meaning as defined
- 167 in Rule [R277-916](#).
- 168 (2) “Computer science” means the foundation for all computing, encompassing
- 169 the study of computers and algorithmic processes, including principles, hardware and
- 170 software design, implementation, and impact on society.
- 171 (3) “Digital literacy” means the middle school course requirement established by
- 172 the Board in Subsection [R277-700-5\(3\)\(i\)\(C\)](#).

(4) “Keyboarding” means the elementary school core subject requirement established by the Board in Subsection [R277-700-4\(2\)\(h\)](#).

(5) “Talent Ready Utah” means a program of the Utah System of Higher Education established in [Title 53B, Chapter 34](#), Talent, Education, and Industry Alignment, that:

(a) optimizes partnerships made by education and industry, working collectively to build a highly skilled workforce while providing students with increased career and education opportunities; and

(b) consults with the Board on the K-12 Computer Science for Utah grant.

**R277-473-3. Computer Science Advisory Committee.**

(1) The Superintendent shall establish a Computer Science Advisory Committee.

(2) The Superintendent shall appoint at least six members to the committee, including:

(a) an industry representative;

(b) one member who represents a school district with expertise in computer science;

(c) one member who represents a charter school with expertise in computer science;

(d) one member representing the Utah System of Higher Education;

(e) one member representing the Talent Ready Utah Board;

(f) a non-profit national computer science organization representative; and

(g) other members determined by the Superintendent in consultation with the committee.

(3) The advisory committee shall:

(a) oversee the review process of a new LEA plan to determine whether the LEA meets the plan criteria described in Section [53B-34-106](#);

(b) make recommendations for improvement if an LEA plan does not meet requirements; and

(c) perform other duties as directed by the Superintendent.

**R277-473-4. LEA Requirements.**

(1) An LEA shall develop an annual plan that expands student opportunities in computer science in grades k-12 in cooperation with educators, paraeducators, and parents.

(2) An LEA plan shall be consistent with Section [53B-34-106](#) and include a comprehensive model outlined for ~~[each grade level]~~ [k-6](#).

(3) An LEA that receives grant funding shall annually submit to the Superintendent a [summary of](#) progress ~~[report]~~ by June 30 [for k-6](#), including:

(a) demographic data of students participating in computer science courses compared to the overall LEA k-~~[12]~~[6](#) demographics;

(b) annual professional development plans for teachers;

(c) itemized budgetary expenditures for grant funds; and

(d) overall effectiveness of the grant program.

**R277-473-5. Funds Distribution.**

(1) The Superintendent shall approve each LEA plan in consultation with the advisory committee established in Section R277-473-3.

(2) An approved LEA will receive funds as outline this section.

(3)(a) The Superintendent shall award program funds in consultation with the Computer Science Advisory Committee.

(b) An approved LEA shall receive a base amount determined by the Superintendent after reviewing legislative funding allocations.

(c) If funds permit, an approved LEA may receive an additional amount based on the LEA's enrollment.

(4) An LEA may not use computer science grant program funds to:

(a) support non-computer science programs, [including, digital literacy, graphic arts, keyboarding, or CCA courses; or](#)



231 \_\_\_\_\_ (b) cover indirect costs charged by the LEA;  
232 ~~[(c) support digital literacy, graphic arts, keyboarding, or CCA courses; or~~  
233 ~~\_\_\_\_\_ (d) to supplant other funds.]~~  
234  
235 **KEY: computer science, grant, talent ready, Utah State Board of Education**  
236 **Date of Last Change:**  
237 **Authorizing, and Implemented or Interpreted Law: [Art X Sec 3](#); [53E-3-401](#)(4);**  
238 **~~[63N-12-506(5); 63N-12-506(7)(h); 63N-12-506(8)(d)]~~[53B-34-106](#)**