

Representative John Knotwell proposes the following substitute bill:

UTAH COMPUTER SCIENCE GRANT ACT

2019 GENERAL SESSION

STATE OF UTAH

Chief Sponsor: John Knotwell

Senate Sponsor: Ann Millner

Cosponsor: Mike Winder

LONG TITLE

General Description:

This bill modifies provisions related to the Talent Ready Utah Center.

Highlighted Provisions:

This bill:

- ▶ defines terms;
- ▶ modifies the responsibilities of the Talent Ready Utah Board;
- ▶ requires the Talent Ready Utah Board to create a computer science education master plan;
- ▶ creates the Computer Science for Utah Grant Program;
- ▶ describes the requirements for the State Board of Education and the Talent Ready Utah Board to administer the grant program;
- ▶ describes the requirements for a local education agency to apply for the grant program; and
- ▶ describes reporting requirements of a local education agency that receives money from the grant program.

Money Appropriated in this Bill:



25 This bill appropriates in fiscal year 2020:

26 ▶ to the State Board of Education -- ~~Ŝ~~→ [~~Related to Basic School Program~~] Initiative

26a Programs ←Ŝ -- Computer

27 Science for Utah Grant Program, as ~~Ŝ~~→ [~~an ongoing~~] a one-time ←Ŝ appropriation:

28 • from the Education Fund, ~~Ŝ~~→ [~~\$7,150,000.~~] \$3,150,000. ←Ŝ

29 **Other Special Clauses:**

30 None

31 **Utah Code Sections Affected:**

32 AMENDS:

33 **63N-12-501**, as enacted by Laws of Utah 2018, Chapter 423

34 ENACTS:

35 **63N-12-505**, Utah Code Annotated 1953

36 **63N-12-506**, Utah Code Annotated 1953



38 *Be it enacted by the Legislature of the state of Utah:*

39 Section 1. Section **63N-12-501** is amended to read:

40 **63N-12-501. Definitions.**

41 As used in this part:

42 (1) "Center" means the Talent Ready Utah Center created in Section **63N-12-502**.

43 (2) "High quality professional learning" means the professional learning standards for
44 teachers and principals described in Section **53G-11-303**.

45 (3) "Local education agency" means a school district, a charter school, or the Utah
46 Schools for the Deaf and the Blind.

47 (4) "Master plan" means the computer science education master plan described in
48 Section **63N-12-505**.

49 (5) "State board" means the State Board of Education.

50 [~~(2)~~] (6) "Talent ready board" means the Talent Ready Utah Board created in Section
51 **63N-12-503**.

52 [~~(3)~~] (7) "Workforce programs" means education or industry programs that facilitate
53 training the state's workforce to meet industry demand.

54 Section 2. Section **63N-12-505** is enacted to read:

55 **63N-12-505. Computer science education master plan.**

56 On or before August 30, 2019, the talent ready board, in consultation with the state
57 board and the center, shall develop a computer science education master plan that:

58 (1) includes a statement of the objectives and goals of the master plan;

59 (2) describes how the talent ready board and the state board will administer the

60 Computer Science for Utah Grant Program created in Section [63N-12-506](#);

61 (3) provides guidance for local education agencies in implementing computer science
62 education opportunities for students in high school, middle school, and elementary school;

63 (4) integrates recommendations and best practices from private and public entities that
64 are seeking to improve and expand the opportunities for computer science education, including
65 the Expanding Computer Education Pathways Alliance; and

66 (5) makes recommendations to assist a local education agency in creating a local
67 education agency computer science plan described in Subsection [63N-12-506\(7\)](#), including:

68 (a) providing recommendations regarding course offerings in computer science;

69 (b) providing recommendations regarding professional development opportunities in
70 computer science for licensed teachers;

71 (c) providing recommendations regarding curriculum software for computer science
72 courses;

73 (d) providing recommendations regarding assessment solutions to measure the learning
74 outcomes of students in computer science courses; and

75 (e) providing information regarding how a local education agency can receive technical
76 support from the talent ready board in providing computer science education opportunities for
77 students.

78 Section 3. Section **63N-12-506** is enacted to read:

79 **63N-12-506. Computer Science for Utah Grant Program.**

80 (1) As used in this section, "grant program" means the Computer Science for Utah
81 Grant Program created in Subsection (2).

82 (2) The Computer Science for Utah Grant Program is created to provide grants to
83 eligible local education agencies for improving computer science learning outcomes and course
84 offerings as demonstrated by:

85 (a) the creation and implementation of a local education agency computer science plan
86 as described in Subsection (7); and

87 (b) the effective implementation of approved courses and the provision of effective
 88 training opportunities for licensed teachers.

89 (3) Subject to appropriations from the Legislature, $\hat{H} \rightarrow$ **and subject to the approval of the**
 89a **talent ready board,** $\leftarrow \hat{H}$ the state board shall distribute to
 90 local education agencies money appropriated for the grant program in accordance with this
 91 section.

92 (4) The $\hat{H} \rightarrow$ ~~[talent ready]~~ **state** $\leftarrow \hat{H}$ board shall:

93 (a) solicit applications from local education agency boards to receive grant money
 94 under the grant program; $\hat{H} \rightarrow$ **[and]** $\leftarrow \hat{H}$

95 (b) make recommendations to the $\hat{H} \rightarrow$ ~~[state]~~ **talent ready** $\leftarrow \hat{H}$ board regarding the
 95a awarding of grant money to

96 a local education agency board on behalf of a local education agency based on the criteria
 97 described in Subsection (6) $\hat{H} \rightarrow$ [] ; and

97a **(c) obtain final approval from the talent ready board before awarding grant**
 97b **money.** $\leftarrow \hat{H}$

98 (5) In administering the Computer Science for Utah Grant Program, the state board and
 99 the office, in consultation with the talent ready board, may make rules, in accordance with this
 100 part and Title 63G, Chapter 3, Utah Administrative Rulemaking Act, that:

101 (a) describe the form and deadlines for a grant application by a local education agency
 102 under this section; and

103 (b) describe the reporting requirements required by a local education agency after
 104 receiving a grant under this section.

105 (6) In awarding a grant under Subsection (3), the state board shall consider $\hat{H} \rightarrow$ **[the**
 106 **recommendations of the talent ready board described in Subsection (4)(b) and]** $\leftarrow \hat{H}$ the effectiveness
 107 of the local education agency in creating and implementing a local education agency computer
 108 science plan as described in Subsection (7).

109 (7) Each local education agency that seeks a grant as described in this section shall
 110 submit a written computer science plan, in a form approved by the $\hat{H} \rightarrow$ **state board and the** $\leftarrow \hat{H}$
 110a talent ready board, that:

111 (a) covers at least four years;

112 (b) addresses the recommendations of the talent ready board's computer science
 113 education master plan described in Section [63N-12-505](#);

114 (c) identifies targets for improved computer science offerings, student learning, and
 115 licensed teacher training;

116 (d) describes a computer science professional development program and other
 117 opportunities for high quality professional learning for licensed teachers or individuals training

118 to become licensed teachers;

119 (e) provides a detailed budget, communications, and reporting structure for
120 implementing the computer science plan;

121 (f) commits to provide one computer science course offering, approved by the talent
122 ready board, in every middle and high school within the local education agency;

123 (g) commits to integrate computer science education into the curriculum of each
124 elementary school within the local education agency; and

125 (h) includes any other requirement established by the state board or the office by rule,
126 in consultation with the talent ready board, in accordance with this part and Title 63G, Chapter
127 3, Utah Administrative Rulemaking Act.

128 (8) Each local education agency that receives a grant as described in this section shall
129 provide an annual written assessment to the state board and the talent ready board for each year
130 that the local education agency receives a grant or expends grant money that includes:

131 (a) how the grant money was used;

132 (b) any improvements in the number and quality of computer science offerings
133 provided by the local education agency and any increase in the number of licensed teachers
134 providing computer science teaching to students;

135 (c) any difficulties encountered during implementation of the local education agency's
136 written computer science plan and steps that will be taken to address the difficulties; and

137 (d) any other requirement established by the state board or the office by rule, in
138 consultation with the talent ready board, in accordance with this part and Title 63G, Chapter 3,
139 Utah Administrative Rulemaking Act.

140 (9) (a) The state board and the talent ready board shall review each annual written
141 assessment described in Subsection (8).

142 (b) As a result of the review described in Subsection (9)(a):

143 (i) the state board or the talent ready board may provide recommendations to improve
144 the progress of the local education agency in meeting the objectives of the written computer
145 science plan;

146 (ii) the state board may determine not to renew or extend a grant under this section; or

147 (iii) the state board or the talent ready board may take other action to assist the local
148 education agency.

149 Section 4. **Appropriation.**

150 The following sums of money are appropriated for the fiscal year beginning July 1,
151 2019, and ending June 30, 2020. These are additions to amounts previously appropriated for
152 fiscal year 2020. Under the terms and conditions of Title 63J, Chapter 1, Budgetary Procedures
153 Act, the Legislature appropriates the following sums of money from the funds or accounts
154 indicated for the use and support of the government of the state of Utah.

155 ITEM 1

156 To the State Board of Education -- ~~Ŝ→ [Related to Basic School Program]~~ Initiative

156a Programs ←Ŝ

157 From Education Fund ~~Ŝ→~~, One-time [—————~~\$7,150,000~~] \$3,150,000 ←Ŝ

158 Schedule of Programs:

159 Computer Science for Utah Grant Program ~~Ŝ→~~ [~~\$7,150,000~~] \$3,150,000 ←Ŝ

160 The Legislature intends that:

161 (1) up to \$150,000 of this appropriation may be used annually by the State Board of
162 Education to administer the Computer Science for Utah Grant Program; and

163 (2) a first round of grants under the Computer Science for Utah Grant Program may be
164 awarded by March 1, 2020, and ongoing grants under the Computer Science for Utah Grant
165 Program may be awarded on or after July 1, 2020.