

## **Computer Science is Elementary Application Questions 100 points**

**Executive Summary:** In 500 words or less, summarize your school district's, non-public school system's or accredited, stand-alone non-public school's vision for your Computer Science is Elementary initiative.

### **Demographics: 10 points**

What is the name of your district, system or stand-alone non-public school making the application, and what is the name of elementary school(s) that will participate in Computer Science is Elementary? What grades does the participant building(s) serve?

Provide the name and contact information of the primary lead for your application?

Provide the name and contact information of your fiscal agent or business manager who will handle reimbursement if you receive an award.

In what STEM region is your district/system/stand-alone non-public school located?  
([Link to map](#))

Based on SRI Oct. 1, 2018, reporting, what percentage of students in the participating elementary school(s) are eligible for free and reduced-price lunch?

Based on SRI Oct. 1, 2018, reporting, what percentage of students in participating elementary school(s) are underrepresented populations in the field of computer science (African-American, Hispanic, American Indian/Alaskan, Native Hawaiian/Pacific Islander)?

### **Goals and Measurements: 20 points**

What are the measurable goals for the Computer Science is Elementary initiative in your district/system/stand-alone non-public school? How do these goals tie to the larger district/system/stand-alone non-public school goals, mission, and vision? How will your district/system/stand-alone non-public school measure the success of your plan using student data, with an emphasis on achievement and engagement?

**Plan: 40 points**

Describe how you plan to launch or build upon existing computer science education in the proposed participating elementary school(s)? Please include the following

- 1.) Impact: What is the plan for computer science instruction by July 1, 2020? Does your plan build on existing computer science instruction or launch a first-time initiative? Will computer science be integrated into other subjects or delivered as a stand-alone discipline? What grade level(s) of students and teachers will be included initially? What is the plan for expansion to all students in all grades in your school?
  
- 2.) Curriculum: What is the plan to identify, revise, or write high-quality computer science curriculum aligned to the Iowa Computer Science Standards, 21st Century Skills, Universal Constructs and career exploration?
  
- 3.) Professional Learning: What is the plan for professional learning in years one (fiscal year 2020) and two (fiscal year 2021), including participants, providers, timeline, instructional pedagogy, curriculum connections, alignment to Iowa standards and school community/employer partner connections?
  
- 4.) Community Engagement: How will you engage your community? How will you involve parents and a broader stakeholder group in planning and implementation of your Computer Science is Elementary initiative? Who are or will be your community/employer partner(s) and what is your shared vision for engagement? All applicants must have at least one community/business partner. Please include at least one signed letter of commitment (in PDF format) on employer letterhead from a community/business partner. This must be done in order for your application to be considered complete.

**Budget: 20 points**

Please detail your budget of \$50,000 over year one and/or two. Are you using other funding sources or private-sector cost-share dollars for this initiative?

Allowable expenditures may include the following categories:

| <b>Budget Category</b> | <b>Examples</b>          | <b>Award Funding Amount</b> | <b>Year 1</b> | <b>Year 2</b> | <b>Uses of Funds</b> |
|------------------------|--------------------------|-----------------------------|---------------|---------------|----------------------|
| Professional Learning  | may include conferences, |                             |               |               |                      |

|                        |  |  |  |  |    |
|------------------------|--|--|--|--|----|
|                        | events, workshops, experts for educators and partners                        |  |  |  |    |
| Curriculum Development | may include purchasing curriculum, curriculum writing                        |  |  |  |    |
| Site Visits            | may include travel expenses for teams or designees                           |  |  |  |    |
| District Costs         | may include hardware, software, infrastructure, supplies                     |  |  |  |    |
| Staffing Support       | may include project coordinator or business development support              |  |  |  |    |
| Other Costs            | may define as needed   |  |  |  |    |
| Cost Sharing           | May include in-kind or cash from partners or other education funding streams |  |  |  |    |
| <b>TOTAL</b>           | NA   |  |  |  | NA |

The expectation for the Computer Science is Elementary award is that the plan uses primarily existing school revenue sources to execute your plan. After year two of the award, what is your plan for sustainability using existing or any additional funding sources?

**Computer Science is Elementary Model Network: 10 points**

To be eligible for the award, participation in the Computer Science is Elementary Model Network is necessary. By checking this box, your district/system/stand-alone non-public school is willing to participate in a Computer Science is Elementary Model Network including, but not limited to, hosting visits and sharing best practices, challenges, opportunities and successes with colleagues across the state.