STEM Hub Computer Science Grant
Information Session

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Grounding

- Inequities in CS persist
- The Governor's CS Directive
  - Statewide CS Implementation Plan
  - $5M GEER Investment

Goals of the Session

- Ensure clarity regarding the grant parameters.

- Walk through the grant application.

- Provide timelines, due dates, and next steps.

Agenda

- **Grant Parameters Document**
  - Overview
  - Questions
- **Grant Application**
  - Overview
  - Questions

Grant Parameters:
Key Terms, Criteria, Funding Distribution, Timeline & Key Dates

Key Terms

Access: Access refers to the **number of computer science (CS) opportunities** available to students.

Participation: Participation refers to increasing the **number and diversity of students enrolled in CS opportunities**.

Engagement: Engagement takes into account the importance of **pedagogy, curriculum, instruction, and classroom environment**.

Key Terms, continued

Community-Based Organizations (CBOs): In the context of this grant, CBOs are **Culturally Specific Organizations** that serve a particular cultural community and are primarily staffed and led by members of that community.

Culturally Responsive/Sustaining CS Pedagogies: These are teaching and learning opportunities and practices in CS that recognize and reflect the diverse cultural characteristics of learners as assets. Culturally responsive and sustaining learning opportunities **empower students intellectually, socially, emotionally and politically by using cultural referents to impart knowledge, skills and attitudes.**

Historically and Systematically Underrepresented: The Governor's CS Initiative calls for a specific focus on serving students who are historically and systematically underrepresented in CS with a particular focus on: **students of color and women**.

Program Criteria

1. **Increase Access**
2. **Diversify Participation through Equity and Inclusion**
3. **Support Equity-Based Systemic Change**
4. **Strengthen Engagement and Sense of Belonging in Computer Science**
5. **Engage Community Based Organizations**

Designed to meet the goals of the directive and support systemic change grounded in equity.

Program Criteria (cont'd)

- Each of the criteria need to be addressed in the proposal as a whole.
  - If several projects are included within the larger proposal, all criteria do not need to be addressed in each project.

- New or existing

Funding Distributions

- Based on State School Fund parameters
- Aligned to intent of the grant based on Governor's directive
- There is no obligation to use any or all of these funds, though we do want to reach as many students as possible.
- Two or more hubs may apply as a consortia.

Timeline & Key Dates

- Two submission dates for applications:
  - Initial Submission: 9/15
  - Final Submission: 9/30

- Agreements executed no later than November 30th.

Questions: Grant Parameters

- Are there any questions regarding any components of the grant parameters ?

Grant Application:
Project Information, Grant Activities and Deliverables, Budget, and Application evaluation

Overview

Section 1: Applicant Information

Section 2: Project Information

- Specific Projects

- Program Criteria

- Grant Partners

Section 3: Grant Activities & Deliverables

Section 4: Budget

Section 5: Application Evaluation

Section 2: Project Information

- **Specific Projects**
  - Provide brief description
  - Open definition of what constitutes a single project
  - Indicate new or existing
- **Program Criteria**
  - Identify specific strategies
  - Indicate which projects are associated with each of the criteria
  - Projects may meet multiple criteria
- **Grant Partners**
  - Refer to CBO definition in parameters
  - List may be updated quarterly

Section 2: Specific Projects

Specific Projects

Identify the specific projects that will be supported by this application. Support for these projects must be provided through contracts for services or materials issued by the lead STEM Hub. Subgrant awards are prohibited by federal rules associated with the GEER Funds. Add additional rows as needed. **This list of projects will appear in the final agreement.**

	Brief Project Description(s)	New or Expanded Project
1	Provide professional development and materials for three new high schools to offer the e-textiles course during the second semester Introducing: E-Textiles – Exploring Computer Science (exploringcs.org)	Expanded
2	Contract with _____ CBO to offer a no-cost CS camp for elementary school students with a focus on recruiting and engaging Latinx students. The project will provide PD for instructors, student materials, meals, and transportation.	New
3	Work with _____ school district to develop a middle school enrichment class to help recruit historically underrepresented students for the feeder high school CTE Program of Study. The project will include teacher PD and materials.	New

Section 2: Project Criteria

Criteria	Proposed strategies to be used to meet these criteria	Project(s)
Increase Access Increase the number of CS education opportunities and/or increase capacity of existing opportunities.	• Integrate CS into existing non-CS curriculum. • Increase capacity in existing after school or enrichment CS programs by adding staffing and/or materials.	Projects 1, 2, 3
Diversify Participation through Equity and Inclusion Increase the diversity of students participating in computer science opportunities with a focus on students historically and systemically underrepresented in computer science.	• Collaborate with CBOs to plan and/or implement the CS project. • Run recruitment activities at events or places that currently engage students who are historically and systemically underrepresented in CS. • Develop strategies to retain students who are historically and systemically underrepresented in CS.	Projects 1, 2

Section 2: Grant Partners

Identify the partners (school districts, CBOs, CTE Regional Coordinators, or other organizations) who have agreed to be actively engaged in development and/or implementation of one or more of the identified projects. This list will be used for a baseline and can be updated throughout the grant. Add additional rows as needed.

Partner	Role (School District, CBO, CTE Regional Coordinator, etc.)

Section 3: Grant Activities and Deliverables

- This section includes the language that will go into the agreement.
- The information included in the template will create a more efficient and smooth procurement process.
- Included in the template are the Activities, Deliverables, and Timelines. (As a reminder, the activities can be new or existing.)

Grant Activities and Deliverables (cont'd)

The grant recipient will be responsible for the following activities, deliverables, and timelines. This table will appear in the final agreement. **If you require changes to these activities and deliverables, contact ODE prior to submission of the application.**

Activities	Deliverables	Timelines
Support, through contracts or direct services, CS opportunities for Oregon K-12 public school students during school hours, after school hours, or summer.	List of projects with participating CBOs and school districts updated at least quarterly.	Update 1 - 2 weeks following agreement execution Update 2 - March 2023 Update 3 - June 2023 Update 4 - September 2023
Engage relevant Community-Based Organizations (CBOs) in the planning and/or implementation of projects identified in this grant.	List of CBOs with a brief description of how they are engaged in the grant project updated at least quarterly.	Update 1 - 2 weeks following agreement execution Update 2 - March 2023 Update 3 - June 2023 Update 4 - September 2023
Engage CTE Regional Coordinators in planning and implementation of any funded projects that involve school districts with a CS CTE Program of Study.	Records of efforts to engage with CTE Regional Coordinators where appropriate. Records can include emails, meeting agendas, or a summary of efforts with applicable dates.	September 30, 2023
Monitor progress of projects that are funded through this grant using regular data collection.	Quarterly contacts with ODE to include a written progress report.	Update 1 - 2 weeks following agreement execution Update 2 - March 2023 Update 3 - June 2023 Update 4 - September 2023
Submit a final report on the grant outcomes and data.	Final report in format provided by ODE.	October 31, 2023

Section 4: Budget

This section is similar to other STEM Hub grant programs

- Use the initial distribution as your guide.
- Use the fiscal agent negotiated indirect rate
- Replace with fiscal agent format if needed

Section 4: Budget, continued

Use the table below to provide an overall budget summary. You may replace this table with an equivalent summary developed by the fiscal agent. **This budget will appear in the final agreement.**

Category	Brief Summary of Expenditures	Amount
Regular Salaries for STEM Hub staff		
Associate Payroll Costs		
Contracted Instructional, Professional and Technical Services		
Travel including meals and lodging for participating educators and STEM Hub staff		
Supplies and Materials		
Capital Expenses*		
Other Expenses Not Included in Previous Categories		
SUB TOTAL		
Administrative Costs	Not to exceed the ODE negotiated indirect rate for the STEM Hub Fiscal Agent	
TOTAL		

* Capital expenses including any single item that has a cost of $5,000.00 or greater and/or any construction and infrastructure costs. These expenses must be approved by ODE in advance and included in the final agreement budget.

Section 5: Application Evaluation

ODE will review and evaluate grant applications and work with STEM Hubs to make any necessary modifications for the final agreement. The application will be reviewed for evidence that:

- All required program criteria are addressed by one or more projects.
- Each project has a connection to serving K-12 students during the grant period.
- Equitable support is provided for school districts within the STEM Hub region.
- Budget requests are aligned to allowable and effective use of the funds.

Grant Application: Questions

- Are there any questions regarding any sections of the Grant Application?

- What additional resources would be helpful as you complete your Grant Application?

Resources

Computer Science Grant Website:

[STEM Hub Computer Science Grants site](#)

Computer Science Email:

ode.csinitiative@ode.oregon.gov

Additional Contact Information:

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