



PAsmart Targeted Computer Science & STEM Education Grants

1. Welcome to the application for PAsmart Targeted Computer Science & STEM Education Grants

Application Form – Overview

Up to \$20 million is available to through the 2018-19 Governor’s PAsmart Expanding K-12 Computer Science and STEM Education Initiative to expand access to high-quality education in computer science (CS) and science, technology, engineering and math (STEM) for Pennsylvania’s K-12 students, increase the number of educators prepared to teach CS and STEM, and increasing participation in CS/STEM education for historically underserved and underrepresented populations.

Applications for the Targeted K-12 CS & STEM Education Grants will be accepted until Friday, December 14, 2018 at 11:59 PM. Any questions should be directed to pasmart@pa.gov.

Before You Start the Application

Applications should review relevant grant information, including the Request for Proposals (RFP) and 1-page overviews. A PDF copy of this application and FAQs have been posted here: <https://www.governor.pa.gov/PAsmart-Grants>

We highly recommend that you read through the full application as a PDF beforehand, and answer the questions in a separate document so they are ready to copy and paste into the live online application.

Applicants must complete all questions and upload all required documents, including budget forms and other supplemental materials as applicable, for an application to be considered complete, submitted and ready for review by the Pennsylvania Department of Education. More information about eligibility criteria, required documentation, and other grant application requirements is available in the RFP and other grant-related documents.

Application Checklist

Before submitting this application, applicants are encouraged to ensure all required materials are

included:

- **Completed Application**
- **Letters of Support**
- **If Applicable: Alternative Workshop Approval form**

All questions are required unless otherwise noted.



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2. Section 1 – Applicant Information

*** 1. Applicant LEA:**

Name

Address

*** 2. LEA Address:**

*** 3. Primary LEA Contact:**

Name:

Title:

Email:

Phone:

*** 4. Applicant Schools (Total):** How many schools total from the LEA will participate in the grant?

1

2

3

4

5

Other (please specify)

* 5. **Applicant Elementary Schools:** How many elementary schools from the LEA will participate in the grant?

- 0
- 1
- 2
- 3
- 4
- 5
- Other (please specify)

* 6. **Applicant Middle Schools:** How many middle schools from the LEA will participate in the grant?

- 0
- 1
- 2
- 3
- 4
- 5
- Other (please specify)

* 7. **Applicant High Schools:** How many high schools from the LEA will participate in the grant?

- 0
- 1
- 2
- 3
- 4
- 5
- Other (please specify)

* 8. **Applicant School List:** List all the schools from this LEA that will be participating in the grant.

* 9. Associated Intermediate Unit (IU): What is the regional IU for this LEA?

* 10. Associated Local Workforce Development Board (LWDB): What is the LWDB for this LEA?

* 11. Current Status of CS Program: How many regular CS classes or programs does the LEA offer? Multiple choice answers.

- 0 CS classes or programs.
- 1 – 2 CS classes or programs.
- 3 – 5 CS classes or programs.
- Other (please specify)

* 12. Current Status of CS Program: How many students total participate annually in a regular CS class or program? How many elementary students? Middle school students? High school students?



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3. Section 2

The grants will fund two phases of programming:

- **Phase 1: LEAs will send teams of at least four (4) educators each to training approved by the Pennsylvania Department of Education to learn CS principles appropriate to their respective grade levels and how to incorporate those principles into their curriculum. Professional development will be aligned to the CSTA standards approved by the State Board of Education.**
- **Phase 2: Following the initial training, LEAs will be able to request additional funding (up to \$26,800 total) for product offerings to implement the computer science principals in their classrooms and expand access to students.**

The questions in this section will ascertain availability of the applicant for both phases of grant programming.

* 13. Would the applicant prefer to sign up for free PDE-approved training or request approval to send educators to another type of professional development opportunity?

- Yes, I would like to sign up for pre-approved, free training through PDE.
- No, I would like to submit an extra application for approval of another qualified CS professional development opportunity.



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4. Section 2 - Pre-approved

14. Which free PDE-approved training are you interested in applying for? (For more information on workshops, refer to the Application Instructions document linked here.) Check all that apply.

- [Code.org](#) Workshops (appropriate for all grades K-12)
- [Apple Everyone Can Code](#) (appropriate for all grades K-12)
- [CSFirst](#) (appropriate for students ages 9-14)
- [Beauty and Joy of Computing](#) (appropriate for high school students)

15. Participating Total Educators: A minimum of four educators are required to participate per application, but we encourage as much participation as funding will allow. While every attempt will be made to send every educator listed in this application to free workshop, PDE reserves the right to limit participation based on available funding and the needs of the broader applicant pool. As a reminder, priority will go to teams that include educators from different grade levels and teams that include at least one administrator. How many educators total will participate in grant programming?

16. Participating Elementary Educators: How many elementary educators will participate in grant programming?

17. Participating Middle School Educators: How many middle school educators will participate in grant programming?

18. Participating High School Educators: How many high school educators will participate in grant programming?

19. Participating Educators Details: Please list the educators who will participate in the grant in the following format: Full Educator Name, Grade Level, Content Area(s), Number of Students Taught, School(s). For example: John Doe, 3rd-5th grade, reading specialist, 23, Washington Elementary School. The top four educators listed will have guaranteed funding upon acceptance into grant program.

20. Availability for PDE-Approved Workshops (during the school year): Workshops will be available from February 2019 to May 2019. They may be offered as week-long experiences, or a series of full-day sessions over the course of a month, depending on program and availability. Participants' assignments to workshops will be done by PDE based on demand and availability. Please check the top two months of availability to attend workshops for the team of educators applying for this grant. Select only two months.

February 2019

March 2019

April 2019

May 2019

21. Availability for PDE-Approved Workshops (summer): Workshops will be available over the summer from June 19, 2019 to August 19, 2019. They may be offered as week-long experiences, or a series of full-day sessions over the course of a month, depending on program and availability. Participants' assignments to workshops will be done by PDE based on demand and availability. Please check the top two weeks of availability to attend workshops for the team of educators applying for this grant. Select only two weeks.

Week of June 17, 2019

Week of July 29, 2019

Week of June 24, 2019

Week of August 5, 2019

Week of July 8, 2019

Week of August 12, 2019

Week of July 15, 2019

Week of August 19, 2019

Week of July 22, 2019

22. Are there any additional details we need to know about educator availability?

23. Expenses for the Workshops: LEAs may request up to \$2,600 per educator for stipends, travel, lodging, food expenses, substitute teacher costs, and exam costs. To allow more educators to attend, are there any special circumstances that can help offset the cost of attending workshops? (For example, educators who do not need to have lodging covered or who do not need travel costs covered.)



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5. Section 2 - Alternative

24. Application for Alternative Workshop Approval: The approval document can be found at <https://www.governor.pa.gov/PAsmart-Grants>.

Please fill out the approval form and upload it to this question.

Choose File

No file chosen



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6. Post-Workshop Implementation (Phase 2 of this grant)

* 25. Post-Workshop Implementation (Phase 2 of this grant): After the workshop, it is expected that educators will begin offering at least one regular CS class or program during the 2018-19 or 2019-2020 school year, depending on workshop timeline. Additional funds will be made available to purchase necessary products for this purpose. Will every trained educator in this application be able to participate in Phase 2 of this grant?

- Yes - Every trained educator will be able to participate in Phase 2 of this grant.
- No



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7.

26. Please describe which educators will not be participating in Phase 2, and the barriers that prevent participation.



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8. Section 3

Impact Narrative: The following questions are meant to ascertain student impact.

- * 27. Existing Programs: Describe the CS courses or programs offered by the LEA during the 2018-19 school year, and how this grant will support or increase these efforts, if applicable. (1500 characters)

- * 28. Impacted Students: Targeted CS grants are meant to expand access to CS opportunities to students who have previously had none. Describe the student populations targeted by educator participation in this grant. Include a demographic analysis and describe the key characteristics of the target student population such as age, race/ethnicity, gender, socioeconomic status, and type (students with exceptionalities, English learners, underrepresented or underserved populations, etc.) How will participation in this grant program expand access to this (or these) target student population(s)? USE DATA. (1500 characters)

- * 29. Addressing Barriers: How will the applicant address barriers of access to CS programming for the target student population(s)? Once educators are trained at CS workshops, how will they ensure that there is equity of access to the new CS content they are implementing? (1500 characters)

- * 30. Compliance Obligations: All grantees will be required to sign a grant agreement with the Pennsylvania Department of Education. All grant funds must be committed, and services performed, by June 30, 2020. The Pennsylvania Department of Education shall seek repayment of funds if it determines that funds were not utilized for the original stated and approved purpose. Grantees will be required to submit mid-term and final reports on forms supplied by the Pennsylvania Department of Education. Mid-term reports must be submitted no later than August 1, 2019. Final reports must be submitted no later than August 1, 2020. Are you able to meet these compliance obligations?

Yes - We are able to meet compliance obligations.

No



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9.

31. Describe the barriers that would prevent you from meeting the compliance obligations.



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10. Administrative Support Letter

* 32. Administrative Support: Upload a signed letter of support from your administrator agreeing to give release time for workshops to for the educators participating in this grant.

Choose File

No file chosen

This is the final question of this application. Your application will be submitted once you hit the "Submit Application" question.