

2018-19 PAsmart Targeted K-12 Computer Science & STEM Education Grant Summary

Grant Overview: The PAsmart Targeted Grant is for LEAs with zero or very few computer science offerings. The grant will support providing educators with high quality training and professional development in computer science standards and principles specific to grade levels and explains how to implement computer science principles in their classrooms. A portion of the grant may be used to purchase eligible hardware, products, and items to support the implementation of computer science offerings in the classroom.

Priorities for funding include:

- Demonstrate greatest ability to increase access and equity in computer science education
- Shows the highest need for computer science/STEM programming
- Focuses on training/professional development for teachers in grades K-8
- Includes teams from diverse grade levels and/or at least one building/district administrator

The proposal is to send at least four educators and one administrator from district elementary and/or middle schools to PDE approved training during the second semester of the 2018-19 SY, or during the summer of 2019. Once completed, the educators will implement computer science offerings in their classrooms based on their training experience and supported by the remaining grant funds.

A successful proposal will provide the opportunity to apply for a Phase 2 grant to expand access to computer science programming in funded districts.

Amount of Award: up to \$35,000.

Due Date/Notification of Award: Due December 14, 2018. Notification in late January.

Alternatives if not Awarded: Computer science programming will not occur without this, or other, external funding.

WCSD Resources Required: None.

Administrative Recommendation: That the Board of School Directors instructs the administration to work with interested educators to submit a PAsmart Targeted K-12 Computer Science & STEM Education grant application to help implement computer science programming in district schools.