



Scholls Heights
KNIGHTS

Parent Teacher Organization

Please complete this application and email it to the PTO at schollsheightspato@gmail.com. You will receive confirmation your application was received.

Name: Carrie Kunert & Sheila Baumgardner

Grade: Library Instructional Technology Teacher and Principal

Date: December 2, 2015

PTO Grant Criteria (Please Answer):

Does it support the school improvement plan?

Yes X No

Does it follow school and district policies?

Yes X No

How many students will be impacted?

Every student at S.H.

Has this been approved by the principal?

Yes X No

Have you explored other funding sources or grants?

Yes X No

Please Explain:

We tried submitting a grant to add Dot and Dash via a BEA district grant proposal. We are exploring other funding sources (grants) to create our MakerSpace, but really wanted to build off the school-wide excitement of Coding Week to get Dot and Dash into our classrooms ASAP.



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Grant Request:

Name of project: Dot and Dash Coding Robots for Small Group Classroom Use

Funding requirements:

Most Popular



Wonder Pack

The Wonder Pack offers the richest and biggest play experience by combining Dash & Dot with our Accessory Pack and the Xylophone pack. You are only limited by the power of your imagination!

\$279.99

[Add To Cart](#)

[Compatible Devices](#)

Wonder Pack \$279.99 x 7 (for small groups in classrooms) Free shipping

Total- \$1,959.93



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Project description: (When will it be implemented? What will it look like? Why do you feel this is important for your classroom or the school? Please attach additional information if necessary.)

Please Explain:

We would like to take our computer coding to the next level with the addition of two robots, Dot and Dash that work in tandem to help students to problem solve. I am asking for a classroom set of robots and accessories with 7 robot pairs so classroom teachers can have small groups work with their own set. Students can program the pair to work to accomplish different challenges. They need to use angle measurements, measuring distances, problem solving, and teamwork to accomplish a program.

There are comprehensive lesson plans aligned to Common Core and NGSS standards designed for teachers by teachers. The cross-curricular lessons cover math, science, ELA, coding, and more.

The robots are engaging and motivating for students to work with. Dash & Dot ignite curiosity and confidence all while providing fun ways of learning the essential skills of collaboration, communication, and digital literacy.

The robots would be used by Mrs. Kunert to go into classrooms to show students the power of coding skills. They would work on different grade level appropriate tasks in collaborative small groups using the robots, iPads, and free apps to accomplish different challenges. As classroom teachers become more comfortable with the robots, programming, and see the



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potential for integrating into their curriculum, they can be checked out for teachers to use and will become a very popular addition to our classrooms.

We would like to get them ordered and use them with classes right after the holiday break to build upon student's coding knowledge. We would also like to have them on display for Science Fair night with students demonstrating their problem solving and coding skills for their parents as a part of the night's activities.

With the addition of the xylophone accessory, Dot and Dash can also be used in Music classes as well with Mrs. Nielsen and Mrs. Lynch to program notes to play songs. Such an engaging way for them to be incorporated into our music programs as well.

Here is a link to the site to check them out for yourselves.

<https://teachers.makewonder.com/>

Please let us know if you have any questions! Thank you very much for your continued support of our staff and students!