

# "Focus on Technology"

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## *Classroom Grant*

### ***Ponderosa Elementary School***

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### ***Mrs. Robin J. Byford***

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# Application Form

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## Report Fields

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### Project Name\*

Name of project

"Focus on Technology"

### Amount Requested

Amount requested on application.

\$750.00

### Grade Level

Please select grade level below.

Intermediate (4-6)

### Primary Subject Area

Please select the primary subject area of your grant.

Technology

### School

Please select your school from the list below

Pondersoa Elementary

### Number of Students Served

Please enter the number of students that will be served by this grant.

375

### Project Cost

What is the total cost of your project?

750.00

### Statement of Need

Please describe the need for this project. For example, how will this project impact student learning?

The purpose of this grant is to upgrade some of our current technology equipment in our school library. We need easy to use and kid-friendly devices to encourage students to use technology and include it in our many and varied library projects. We currently do not have any eBook readers in our library for class use or for check out purposes. We do have a School District 2 eBook collection available to our students but this is

limiting for those who don't have an eBook reader device. This would impact many students in grades 3-6 who would be able to check out the devices from our library and take advantage of our eBook library collection. This would reinforce and encourage the use of this type of technology and make it available to those who may not be able to afford their own eBook reader device. I would like to purchase three 32GB 9" Nook tablets for this purpose. When the devices are not checked out they would be available to use in library class activities and for hands-on student exploration of our online library catalog. For these devices to be portable we would also need to purchase durable cases to transport them in safely to their destinations. Another piece of equipment needed in our library is a iPad/tablet mount and tripod. This is a multifunctional tool needed to mount the device for taking pictures and video or to share a presentation. I would also like to purchase a tabletop tripod for use with video camcorders and digital cameras. This a flexible device that can be moved from surface to surface and stabilizes the camera for shooting pictures or video. I would also like to purchase two current model portable camcorders. These would have an easy upload feature, digital zoom, store video on a SDHC card (16 GB). They would also feature a 1.8 LCD screen which allows you to shoot and review your video.

All of these devices and accessory equipment would enhance our technology experience in the library classes as well as the special technology classes that I teach. I currently teach three technology classes with 3rd, 5th, and 6th grade. These are smaller groups of students due to our combo class schedules and we meet twice a week for 30 minutes a session. There were some projects we did this year that would have been more enhanced had we possessed some of this newer technology equipment. We did a lot of projects using D2Apps and Google Docs this year (including presentations with photos and video). Some of the work was limited due to inadequate equipment and/or devices. We all want the latest and

the greatest for our students and this would help provide some of the necessary devices and equipment needed to be 'high tech"! I would be using all of this technology with students K-6 in various formats and projects so truly our entire student population would be impacted by this grant.

## Primary Goal

Please describe the primary goal of the project and how it blends with School District 2 goals and curriculum.

The primary goal is to enhance student learning in research, skills, multimedia and video production, and use of digital devices. This adheres to School District 2's Technology Curriculum and Standards in using digital tools to communicate and enhance productivity, creativity, and innovation.

This project aligns with the Common Core Standards K-6 for English Language Arts under the Speaking and Listening Strands: Under Comprehension and Collaboration- "Confirm understanding of a text read aloud or information presented orally or through other media by asking and answering questions about key details and requesting clarification if something is not understood." This is addressed again under Presentation of Knowledge and Ideas: "Add drawings or other visual displays to descriptions as desired to provide additional detail." (Kindergarten) In the 5th and 6th grade Common Core Standard under this same Strand: "To include graphics, sound, images, music, and other multimedia components."

## Project Description

Briefly identify the major activities and materials involved in your project.

We would be using all new digital tools and devices and accessory equipment in the library/media center on a daily basis for various class lessons and projects. I plan to have the students incorporate more photos and videos into their presentations once we have the new technology in place (with training provided) and using the tripods for stabilizing the cameras and tablets. We are using the D2 apps and Google Docs with grades 3-6 on a regular basis and all of this technology could be integrated into these online tools. The Nooks would also be available for student check out. I would make the tripods and camcorders available to our staff to use in their classrooms for special projects or multimedia activities.

Materials and equipment needed:

3 Nook HD+ eReaders (32 GB)

- 3 Durable Nook carrying cases
- 1 60-inch adjustable tripod with iPad/tablet mount
- 1 tabletop flexible tripod
- 2 Bell-Howe portable camcorders with 16 GB SDHC cards

## Professional Development

If your project includes professional development how will it improve student performance?

Although this project is not geared specifically for professional development; it will require training for staff and students on the care and use of the Nook eReaders, the portable camcorders, and use of the tripods. I would provide this training for staff in an after school setting in the library at a staff meeting or specific training session at the beginning of the school year. I would also provide training for my students in their library classes and let them practice using the devices before they are assigned class projects. These trainings will improve students' performance in using the new technology and "get the bugs out" before we begin using it in our library and technology curriculum.

## Project Timeline

When will you implement your project?

The project would be implemented this spring 2014 when the grant is funded through my school. Hopefully, we would be able to purchase all the items in time to use before school lets out for the summer. I would pilot the new technology with one of my intermediate classes and document their skill levels before and after use of the new devices and equipment. Over the course of the summer I would plan lessons to introduce the new technology to all of my classes in the fall of 2014. I would like to "hit the ground running" and have everything up and functional from day one. My plan is to document our usage through the library and technology lessons and keep a log on how everything is used and the results. I want to track usage by grade level as well and document which projects worked better because of this additional technology. I will keep a log of the eReader usage and check out process to assess its value to our library program and to help make decisions for future purchases.

## Plan for Evaluation

How will you evaluate student outcomes for your project?

I will evaluate student outcomes through assessments of their assignments and class projects and presentations. We will have a digital record of their progress and will be able to compare and contrast their work throughout the school year. We can also introduce new types of projects to the students and compare their results with projects we did the year before. Students in grades 4-6 will have more access to the technology as their class times are 60 minutes long versus only 30 minutes for primary classes. I will encourage my primary staff to utilize this new technology for their own classroom endeavors in multimedia presentations.

## Project Budget

Please explain how the funds from this grant will be spent to support your project goal. You can either type or upload a project budget to show how funds will be used. Please identify other funding sources if applicable.

"Focus on Technology" Budget

\$537.00--for 3 Nook eReaders (HD+) 32 GB (\$179.00 each at Walmart or B&N)  
\$ 75.00-- for 3 carrying cases for the Nooks (\$25.00 each)

\$ 45.00-- for 60" tripod with iPad/tablet mount

\$ 18.00-- for tabletop flexible tripod

\$ 75.00-- for 2 Bell+Howell HD portable camcorders (with 16 GB memory card)  
(\$37.95 each at Walmart)

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\$750.00 Total budget

I would try to purchase all items locally or at Walmart.com (site to store-no shipping fees) and would like to purchase the Nooks at Barnes and Noble so we can use our school discount.

### **Supervisor Approval\***

I have received approval from my supervisor to apply for this grant.

yes

### **Attachment 1**

Please attach any photos, pages from catalogs, or other documents below. This is completely optional.

### **Attachment 2**

### **Attachment 3**

# File Attachment Summary

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## *Applicant File Uploads*