BYOD(Bring Your Own Device) - What if you don't have a device?

Classroom Grant

Castle Rock Middle School

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Application Form

Report Fields

Project Name*

Name of project

BYOD(Bring Your Own Device) - What if you don't have a device?

Amount Requested

Amount requested on application.

$1,000.00

Grade Level

Please select grade level below.

Middle School (7-8)

Primary Subject Area

Please select the primary subject area of your grant.

Science

School

Please select your school from the list below

Castle Rock Middle School

Number of Students Served

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

180

Project Cost

What is the total cost of your project?

1000

Statement of Need

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

In todays world, we are utilizing more technology than ever before. Therefore, I am preparing my middle school science students for the future, by working towards having a paperless classroom. Instead of trying to fight against technology and the use of devices such as: i Phones, i pads, and tablets, I am teaching students to use their devices in a positive and learning manner. Often, I have a BYOD (Bring Your Own Device) day in

which students use their devices to complete a task or assignment. This is amazing, if the students actually own a device that can be utilized. The reality is though, that there are those students that do not own such a device or have access to a device that can be used. Those have to pair up with other students and that is not always feasible if we are completing a quiz that requires feedback in an individual and instant way. This is why I would like to purchase 4 to 5 Chromebooks that would be available for use by the students who may not own a device or may have forgotten their device.

Primary Goal

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

The primary goal of the BYOD-What if you don't have a device? project is to support and enhance the Billings Public Schools science curriculum. The Chromebooks can be used for many different activities, such as Google docs, Nearpod, Socrative, Kahoot, Infuse Learning, and internet based research.   By utilizing such technological activities, I can be assured of the learning that is taking place in a quick and simple way, that does not utilize paper and pencil. It not only provides me with the feedback that shows if there is understanding of the concept, but also gives the students instant feedback as well. They do not have to wait until the next day to see what concepts they mastered. Also, I can reteach necessary concepts that have not been mastered in a more timely manner.

Project Description

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

The idea of the project is to provide students access to the material and concepts in class, while at the same give them and myself instant feedback of their learning. One such tool is Nearpod. This a tool that allows me to develop presentations about the science information that I am presenting, which allows the learner to access the material on their devices. Throughout the presentation, quick quizzes are integrated into the presentation, that will provide the learner with a mental concept check. The students submit their answers and Nearpod collates the data and displays a chart showing quickly, if correct understanding is taking place. Also, by utilizing Google Docs the students will be able to have access to their work anywhere they can connect to the internet. Socrative is an online testing, quizzing, and questioning tool. I can set up different types of questions, both multiple choice and open ended questions to see what learning took place. It allows for quick and easy checks of understanding. I can access their answers and know what items need to be retaught to which students. Kahoot is an online review game that can be used whole class to review concepts for testing. The students can choose their answer to teacher prepared questions and have immediate feedback telling whether or not their answer is correct. Infuse Learning is another tool that I use that is very similar to Nearpod. The difference is that, Infuse Learning provides different ways for students to submit their answers. Student who are unable to respond in the usual manner, are able to draw or illustrate their answer. This is helpful for student who need their education differentiated. As illustrated above, there are many ways that the Chromebooks would be utilized during the school day.   For those that do not have their own device, the Chromebooks will allow me to provide them with the same access as their classmates.

Professional Development

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

Not applicable

Project Timeline

When will you implement your project?

I plan to implement my project as soon as the funds are made available. I would like to be able to utilize the equipment during the 2014 school year.

Plan for Evaluation

How will you evaluate student outcomes for your project?

Evaluation will take place throughout the project. The technology that will be utilized will provide my students and myself with instant feedback of learning. At the same time, the technology resources will store the students answers to things for future reference and comparison. I will be able to go back and check for improvement in the learning quickly and easily throughout a unit. Google Docs will also allow myself to make notes and recommendations on the student work, which is stored in the history of the document. This again will allow the learners and myself to see the improvement, need for review, and mastery of the concepts.

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.

The funds from this grant will be spent on 4 to 5 chromebook computers. Each Chromebook is between $200 and $250. The $1000 will be used to purchase the Chromebooks. All of the software I plan to use can be found online and is free of charge.

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

Applicant File Uploads