



Holdenville Education Foundation
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Grants to Teachers Application Form

Date: March 28, 2014

Grant Title: Success through Technology

School: Reed Elementary

Grade Level(s): 2nd, 3rd, and Reed Elementary Library

Content Area: All areas, including math, reading, spelling handwriting, language, social studies, science, morning meeting, art, music, video presentations, technology

Total Dollar Amount Requested: \$11,599.00

What is the major educational need this grant addresses? Please give grade level and academic area.

A well-known instructional technology coordinator, Camilla Gagliolo, recently expressed her thoughts about the iPad. According to Gagliolo, the iPad is emerging as a tool that can greatly enhance educational technology after what she believes has been a lull in the field's progress. Her data includes research from her initial program in which she used iPads with learning-disabled students and quickly extended the use of iPads to the entire elementary school student body. Gagliolo said, she was more than encouraged by the results. The combination of rich graphics, an intuitive touch screen, and lightning-fast processing speed is bringing educational technology to new levels of student engagement. Gaglioli said that, during the brief period she has used the iPad in the classroom, she has found the phrase that is quickly approaching cliché status, "There's an app for that!" This statement applies well to the elementary school environment. While some applications are supplemental, Gagliolo noted that some major textbook publishers have textbooks designed specifically for the iPad. The iPad is having tremendous success being used in school classrooms. First and Second grade students in Arlington, Texas are creating their own online books, complete with student-generated text and images along with links to external sites, photos and videos. The students are then publishing their work online so that parents, fellow students and their peers around the world can see it too. Though iPads are a recent phenomenon, many students across Oklahoma are already well-acquainted with this innovative technology.

Due to advances in technology and state mandates, second, and third graders will soon be required to take state tests on computers. With the use of iPads, students will become more familiar with computers and technology as a whole.

With the use of an iPad, students will experience reading textbooks and ebooks in the most amazing way. They will be capable of flipping through a book by sliding their finger along the thumbnail of pages. If students don't understand a word, one tap takes them to a gorgeous photo gallery or interactive captions.

iPads are the future of educational strategies, and without proper adoption of these and other technology tools, teachers and students are likely to become complacent. Surrounding elementary schools in our area are already using iPads in second and third grade classrooms.

This request to the Holdenville Education Foundation is for a set of 20 iPads to be used by second and third grade students. The iPads may also be used by all students during library time. The school will receive a discount for purchasing the iPad in bulk. It may actually cost less than purchasing textbooks. Textbooks can be uploaded to the iPad for students to read. The request also includes the Apple Care Plan which allows the iPads to be repaired at no cost, and "Otterbox" cases that will prevent iPads from becoming damaged.

Approximately how many pupils will be affected by this project, both directly and indirectly?

The potential number of students who will be affected by this technology is unlimited. Because of self contained classes at Ethel M. Reed, iPads will allow all students access to technology-enhanced lessons for many years in **all areas**, including, but not limited to science, math, reading, language, handwriting, art, music, video presentations, spelling, morning meeting, and social studies. For example, with the use of iPads in learning centers 200 students in one particular day could be exposed to this innovative technology for every content area, not just one subject.

Describe your grant including methods, materials and objectives. Foundation grants are intended to fund a creative teaching plan, so if equipment or materials are requested it should be clearly stated as to why these are an integral part of the plan.

iPads involve a multi-sensory approach that enhances the processing of information and learning opportunities of all students. This technology is especially useful for students that are visual or tactile learners.

iPad inspires creativity and hands-on learning with features that aren't currently available in any technology tool that Reed Elementary offers. There are more than 20,000 educational apps for **all kinds of learners**, teaching them everything from science to spelling. The apps, which include, but are not limited to music, art, maps, solar system, shapes and graphs are projected onto the iPad device. Teachers are also easily able to monitor student progress through a note taking application.

Second and third graders can use iPads in all subject areas to interact with lessons, and access unlimited resources with online multi-media and multi-disciplinary content. iPads are excellent tools for teachers to work with students with special needs, or students who need remedial or advanced instruction. The "Otterbox" cases will prevent damage and ensure that future first graders will be able to experience the use of iPads.

Objectives: The learner will be provided:

1. Technology related skills and instruction.
2. Opportunities for student-centered learning.
3. Competitive edge for future endeavors.

Give a time schedule of implementation.

The items listed below could be ordered as soon as funds are available. If items are ordered during the spring of 2014, the technology should be ready for use by teachers at the beginning of the 2014-2015 school year.

Detail your budget request. Include specific information about kinds of materials and equipment needed, sources of supply, and costs (including shipping and handling). If possible, list alternatives if full funding is not available.

Budget Request:

Set of Apple iPads including charging cart (20): \$10,499.00

Survivor by Griffin Otterbox Cases (20): \$ 1,100.00

Total: \$11,599.00

Alternative Budget Request:

The iPad cost is \$ per tablet. The "Otterbox" protective cases are \$55.00. If funding is not available for full grant, anything will be greatly appreciated.

What methods will be used for measuring the stated objectives, or what definite evaluation will you make to determine whether the grant was successful? (Please be specific)

Ideas will be shared between teachers of lessons found to be beneficial so they can be duplicated. Student performance and class discussion will be used to evaluate understanding of each lesson that includes the use of the new technology.

To develop community ownership, commitment and pride in Holdenville Schools, we would host an event at Ethel M. Reed where students, parents and community members could see how iPads have stimulated student learning and expanded our existing curriculum.