

Holdenville Education Foundation, Inc.
P.O. Box 641, Holdenville, OK 74848

Grants to Teachers Application

Cover Page

Date: March 30, 2007
Grant Title: Tech to Go Cart
School: Jr. High and High School
Grade Level: 7-12
Content Area: All content areas will have access to advanced technology
Total Dollar Amount Requested: \$2600 *funded*

This is a school site grant request for a mobile cart that contains a wireless smart board, a digital projector and a laptop computer. These interactive learning tools will be shared by teachers at the Jr. High and High School level who want to provide hands-on student centered lessons through the use of technology. This request will enable Holdenville Public Schools to provide technology enhanced lessons to prepare students for future endeavors. This request is a small part of a district-wide plan to add additional technology components to courses so that students will have the competitive edge that is required for higher education, military service, and other future careers.

Jo Ellen Jennings

Signature of Building Applicant

Les White

Signature of Building Principal

David Pittman

Signature of Building Principal

Please Mail Application to:
Holdenville Education Foundation
P.O. Box 61, Holdenville, OK 74848
Attn: Teacher Grant Committee

Grants to Teachers Application Form

1. What is the Major Educational need this grant addresses?

The desire of the Holdenville Public School District is to produce students that are academically and skillfully prepared to succeed at any endeavor that they attempt after graduation. Due to a variety of abilities, interests, and skill levels we are aware that the students need to be prepared for diverse career and educational choices. These choices include college, technology centers, military, or immediate job placement. Whichever choice the student contemplates, technology is an area that they will have to be proficient in to be successful. We want our graduates to feel that they possess the skills needed to be competitive in their chosen field. Because of the high expense of technology related items, our district has not had the resources available to acquire advanced level technology tools for all classrooms. Following a detailed district plan we are attempting to provide the resources needed for the students and teachers by adding technology components to all upper level courses. We have submitted proposals to a variety of sources to obtain funding for technology items. The district has added computers, smart boards, graphing calculators, projection cameras, hand-held computers, student response systems, and digital projectors through alternative governmental programs and organizations. This request to the Holdenville Education Foundation is for a mobile setup that will include a wireless smart board, a laptop computer, and a digital projector on a rolling cart that can be moved from room to room as needed. This would enable those teachers who do not yet have access to advanced technology the ability to use these tools for instruction. The wireless board allows students to interact with the lessons being presented. The software included provides tools and templates for all curriculum areas. The laptop and projector will allow teachers the ability to project not only with the smart board but also provide visual lessons using online content and research. The digital projector can also be used for integrating other technology involving streaming audio and video presentations. Additionally this cart and equipment can be used for larger group presentations in the auditorium. The Technology to Go Cart would help to fill in gaps until the district is able to provide these tools for all teachers who would like to use advanced technology in their classrooms.

2. Approximately how many students will be affected by this project, both directly and indirectly?

The potential number of students who will be affected by this technology is unlimited. It will allow all students at the Jr. High and High School access to technology enhanced lessons in every classroom for the next several years.

- 3. 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 they are an integral part of the plan.

Smart boards 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. Over five thousand templates are available through software that is used in conjunction with the smart boards. The templates which include music, art,, maps, solar system, shapes, and graphs are projected onto a screen or board. The classes can use the projected smart board or laptop images to interact with the lesson, take virtual field trips, communicate with global experts, and access unlimited resources with online multimedia and multidisciplinary content. The boards are an excellent tool for teachers to work with students with special needs, or students who need remedial or advanced instruction. The projected image on a large screen captures students' attention and keeps the focus on the lesson content. The laptop computer gives teachers the advantage of being able to project online content from the cart. Most teachers do not have projectors and their computers are not positioned so that the content can be projected to a central screen. The versatile mobile presentation stand features multiple work and projector surfaces to aid in any electronic presentation. It has a slide-out laptop shelf, a pop-up projector shelf and a drop leaf shelf for notes or media. The locking cabinet safely secures the equipment when not in use. While the district has been able to fulfill some of the requests for smart boards and projectors in classrooms, there are other teachers who do not have access to these items yet. These teachers are interested in providing the same technology rich content in their classrooms and providing the same student centered instruction that will increase academic achievement and provide a competitive edge for our graduates.

OBJECTIVES: The learner will be provided:

- Technology related skills and instruction*
- Opportunities for student-centered learning*
- Competitive edge for future endeavors in higher education and careers*

- 4. Give a time schedule of implementation**

The four component items could be purchased as soon as the funds are available. If items are ordered during the spring of 2007, the Tech to Go Cart should be ready for use by teachers at the beginning of the 2007-2008 school year.

5. 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 funding is not available.

TECH TO GO CART BUDGET		
COMPONENT	VENDOR	COST
Mobile Locking Presentation Cart	CDW-G	\$300
InterWrite SchoolPad (wireless smart board)	Cytech Media	\$500
HP Business Notebook Computer	CDW-G	\$1000
Mitsubishi Digital Projector	CDW-G	\$800
TOTAL		\$2600

6. What methods will be used for measuring the stated objectives or what definitive evaluation will you utilize to determine whether the grant was successful? (Please be specific)

There will be a schedule of the classroom teachers who use the cart. Teachers will be asked to complete a short summary of how the cart was utilized with students in their classrooms.