Do Not Write in this Area
HEF use only

Grants to Teachers Application

Cover Page

Date:	March 16, 2012
Grant Title:	No More Overhead Projectors!
Grant Applicant:	Tina Bohrer Donna Cox June Oliphant
School:	Ethel M. Reed Elementary
Grade Level(s):	2nd
Content Area:	All areas, including math, reading, spelling, handwriting, language, social studies, science, morning meeting, art music, video presentations
Total Dollar Amount Requested:	$2354.00

_____
Signature of Grant Applicant

_____
Signature of Building Principal

Please mail applications to: Holdenville Education Foundation
P.O. Box 641
Holdenville OK 74848
Attn: Teacher Grants Committee

Date:	March 16, 2012
Grant Title:	Please! No More Overhead Projectors!
School:	Ethel M. Reed Elementary
Grade Level:	2nd
Content Area:	All areas, including math, reading, spelling, handwriting, language, social studies, science, morning meeting, video presentations
Amount Requested:	$2354.00

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

For years I have used an overhead projector to teach all subjects to my second graders. This enables my students to find their place as we read or fill in answers. I find this especially important for young students as they learn to keep up with their teacher and follow directions, but I always dread lugging the heavy, bulky, inefficient equipment out to the center of the room to project an image on the screen.

What I can presently project for my students is extremely limited with an overhead projector. It only reads transparent documents. Transparencies must be prepared by copying a page at a time form whatever textbook or picture book I would like to project. This can be a time consuming activity. Also, once a transparency is used, it must be cleaned off. There are many times I find myself wishing I could project an image from a book but don't have time to go to the copier for a transparency. Many teachable moments slip by. Transparencies can only be made in black and white on our copiers.

The Smart Document Camera captures 3D objects and images on flat surfaces, so large groups of people can see smaller visual aids. Using this camera to project documents, various materials and manipulatives will help me add spontaneity and interactivity to my classroom, keeping students interested in learning. I can use it during a lesson to show real-time, color images to my entire class on my Smart board. I will be able to capture color images or video and instantly transform them into digital content for my lessons.

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 classes are self contained at Ethel M. Reed, the document camera 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, 25 students using the document camera in one particular day could be exposed to this innovative technology for every content area, not just one subject (25 students multiplied by all subjects with a number of pages per subject). In addition the document camera could be available for use in the many programs our school has, including assemblies, special visitors, open house, parent meetings, etc.

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.

The Smart Document Camera captures 3D objects and images on flat surfaces, so large groups of people can see smaller visual aids. With a 5.2x optical and 8.0x digital zoom, the document camera delivers sharp, vivid images. I can use it to quickly direct learning by zooming in on the smallest details or automatically focus images and adjust the brightness for varying light levels. The software (included) has many creative features to help me easily turn captured images into interactive material for lessons. I can operate the camera using control buttons built into the software.

Keeping the attention of my students is extremely important to me. If I lose their interest, I have to reteach. This technology is exciting for all second grade students that are visual and tactile learners. The projected image on the interactive white board screen captures students' attention and keeps the focus on the lesson content.

I plan to use an existing cart for the document camera requested. No other purchases will be necessary in order to use it.

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 Smart Technologies Document Camera 280 can be ordered as soon as funds are available. If it is ordered during the spring of 2012, the document camera will be ready for use at the beginning of the 2012-2013 school year. It will be used daily in my classroom for years to come. It will also be used for special programs by other faculty members upon request.

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.

Available from Video Reality, P.O. Box 721730, Oklahoma City, OK 73172
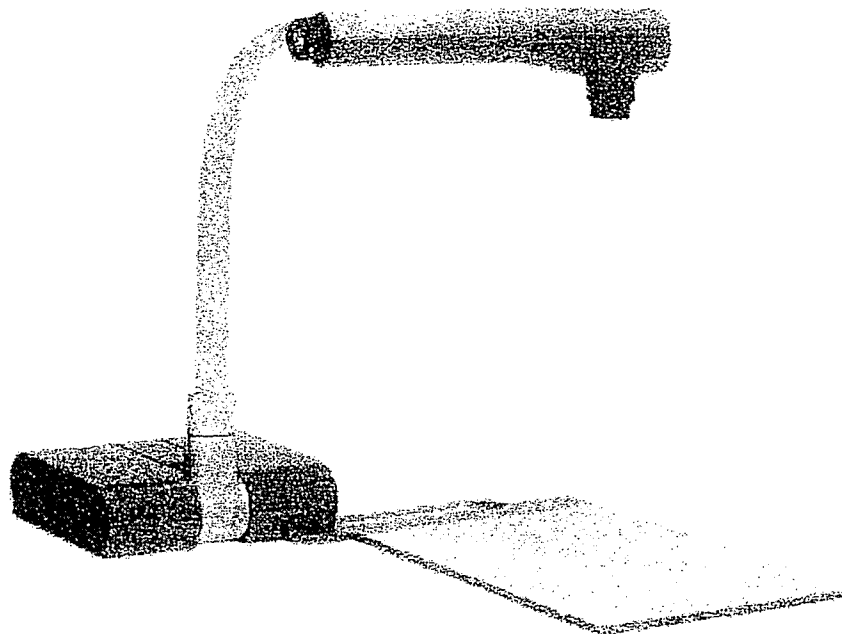
Budget Request:

(3) Smart Technologies Document Camera 330 @ 749.00 - $2247.00
Shipping $107.00
Total $2354.00

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

Students performance and class discussion will be used to evaluate understanding of each lesson that includes the use of the new technology. I will use a variety of assessments to check progress weekly, including, but not limited to, oral response, anecdotal notes, student interview, journal response and written exam.

To develop community ownership, commitment and pride in Holdenville Schools, I will be willing to host an event at Ethel M. Reed where students, parents and community members can see how the document camera stimulates student learning and expands our existing curriculum.

SMART Document Camera