HEF
EXCELLENCE

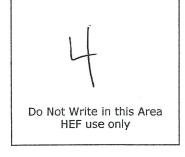**Holdenville Education Foundation**
P.O. Box 641 ◇ Holdenville OK 74848
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Grants to Teachers Application Form

Please use a typewriter or word processor to complete the application.
Submit in the format listed below.

Date: March 17, 2017

Grant Title: Moving On Up!

School: Ethel Reed Elementary

Grade Level(s): Kindergarten

Content Area: All areas, including math, reading, spelling, handwriting, language, social studies, and science.

Total Dollar Amount Requested: $2,936.00

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

This grant will benefit every kindergarten student, in each academic area taught. We will use these document cameras to assist in math, reading, spelling, handwriting, language arts, social studies, and science. The document camera can project any book, object, worksheet, or manipulative onto a SMART board screen. Even with something as simple as showing the correct way to grasp a pencil, you can place your hands under the camera, and give step by step directions while modeling on the big screen. The tool we currently have for this task is an overhead projector. With an overhead projector, we must take the material we plan to use, and make a legible copy onto transparency film, which then can be used with proper markers or pens. Here, the above example of a pencil grasp can only be seen as a shadow, no details of individual finger placement can be seen.

We are in a generation that is making technological advances every day. A document camera verses an overhead projector would aid in exposing our students to the wonderful benefits of technology, while at the same time allowing them to see real-time, color images transformed into digital content for our classroom. This technology will hold the student's interest longer while they are allowed to interact with lessons.

2. 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. These document cameras will be in every kindergarten classroom, allowing for equal exposure to the technology across the whole grade level. This product will allow every kindergarten student access to technology-enhanced lessons for many years in all areas, including, but not limited to science, math, reading, language arts, handwriting, and art. This camera could also be used during our Morning Meeting times each morning. Overall, this grant would benefit all kindergarten students each year, reaching at least 100 students directly a year!

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 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. We can use it quickly to direct learning by zooming in on the smallest detail or automatically focus images and adjust the brightness for varying light levels. The software (included) has many creative features to help us easily turn captured images into interactive materials for lessons. We will operate the camera using control buttons built into the software.

Keeping the attention of our students is extremely important to us. If we lose their interest, we have to reteach. This technology is exciting for all kindergarten students, but will be especially useful for 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.

We plan to use our existing carts for the document cameras requested. No other purchases will be necessary in order to use it.

Listed below are just a few of the kindergarten reading and math objectives this grant will enhance.
Objectives:
    1. Students will ask and answer questions to seek help, get information, or clarify about information presented orally or through text or other media with guidance and support.
    2. Students will use new vocabulary to produce and expand complete sentences in shared language activities with guidance and support.
    3. Students will recognize formats of print and digital tests with guidance and support.
    4. Students will use appropriate technology to communicate with others with guidance and support.
    5. Students will compose and decompose numbers up to 10 with objects and pictures.
    6. Students will use smaller shapes to form a larger shape when there is an outline to follow.
    7. Students will collect and sort information about objects and events in the environment.

4. Give a time schedule of implementation.

The SMART Technologies Document Camera 450 can be ordered as soon as funds are available. If it is ordered during the spring of 2017, the document camera will be ready for use at the beginning of the 2017-2018 school year. It will be used daily in our classrooms for years to come. It can also be used for special programs by other faculty members upon request.

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 full funding is not available.

The SMART Technologies Document Camera 450 is available from:
Video Reality
8213 Glade Avenue
Oklahoma City, OK 73132
(405)721-3764

Budget Request:
4 SMART Technologies Document Cameras with Shipping		$2,936.00
	TOTAL	$2,936.00

6. 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)

Student performance and class discussions will be used to evaluate understanding of each lesson that includes the use of the new technology. We will use a variety of assessments to check progress monthly, including, but not limited to, oral responses, student participation, and written samples from students work.