

THE KETTERING EDUCATION FOUNDATION GRANT PROGRAM

APPLICATIONS MUST BE E-MAILED ON OR BEFORE **May 14, 2007** FOR **2007-08** SCHOOL YEAR.

Use only the space provided, **PROPOSAL MUST BE SUBMITTED ON THIS FORM TO BE CONSIDERED.**

(Be sure to keep a copy for your file.) Application information will not be returned. All material becomes the property of the KEF.

PROJECT TITLE: Picture Perfect Project

AMOUNT REQUESTED: \$1,000

NEW GRANT

RENEWAL

A. PERSONAL AND PROFESSIONAL INFORMATION:

Name (Teacher 1): Debi Everett

Name (Teacher 2):

Home Address: 1340 Melrose Avenue

City, Zip: Kettering 45409

School: Southdale, Moraine Meadows, Beavertown

Principal: Mrs. Mears

School Address: 1200 W. Dorothy Lane

City, Zip: Kettering 45409

Tel: (School) 499-1890 (Home) 294-4816

Grades and Subject You Teach: Grades 3-5, gifted

MAIN SUBJECT AREA

Art

Career / Industrial Art

Computer Science

Handicapped / Learning Dis.

Language Arts

Health / Nutrition

Math

Music

Phys. Ed.

Science

Social Studies

Special Category

B: PROJECT DESCRIPTION

State as specifically as possible a description of your project; its purpose (need, goals, objectives), where, when, and under what conditions activities will take place.

This project will address the grade 3-5 life science state standard, "Students demonstrate an understanding of how living systems function and how they interact with the physical environment. This includes an understanding of the cycling of matter and flow of energy in living systems. An understanding of the characteristics, structure and function of cells, organisms and living systems will be developed. Students will also develop a deeper understanding of the principles of heredity, biological evolution, and the diversity and interdependence of life. Students' demonstrate an understanding of different historical perspectives, scientific approaches and emerging scientific issues associated with the life sciences."

The Picture Perfect Project is a way for students to learn valuable technical skills as well as the content standards in life science. Our school currently has a digital camera, but it is for teachers use. We do not have any picture taking technology that is dedicated for students. With this grant, I would like to purchase at least 5 digital cameras as well as a webcam to supplement my year long unit on plants and ecosystems. Students will use cameras to document changes in ecosystems and the webcam to record information from classroom experiments. I will make sure that the cameras and webcam are compatible with technology already in place at school.

I work with students in a once a week pullout gifted program. The challenge of the once a week program is how to document changes in long term projects. I hope to address this problem through the use of digital cameras. The purchase of digital cameras will allow students to capture changes in the growth of plants and classroom created ecosystems. Students from my home school, Southdale, will be able to take picture of growing plants throughout the week and be responsible for sharing that documentation with the traveling students. Students traveling from Beavertown or Moraine Meadows will be able to see changes through the pictures, and be able to take pictures on their pullout days. In the end, students will be able to use the pictures in a PowerPoint or Appleworks presentation carefully documenting the results from their experiments. This also addresses another state standard, Scientific Ways of Knowing through practicing the ethical uses of keeping records that are understandable weeks or months later.

The use of digital cameras will be a year long process. Students will learn how to use the digital camera, how to transfer pictures to the computer and how to insert pictures into word processing programs as well as presentation programs such as Appleworks Presentation or PowerPoint. I will be able to measure students' acquisition of the digital camera skills as well as the content standard through the final product, a computerized presentation.

Each year I work with 40 – 55 students. Therefore, this grant will allow many students across this district to learn technology skills that are fast becoming life skills!

Please see Kettering Education Foundation Grant Brochure for program guidelines.

C: RESULTS

What specific results will this project have for students? How will you measure these results?

This grant will allow my students to gain technology skills. It will also encourage them to use different media to display understanding encouraging and nurturing divergent thinking. Assessment will take place as follows.

Before Project: I will assess students' knowledge and experience with digital cameras, webcams and presentation software. This will be done through a whole class discussion. Students will be arranged in for instruction based on experience and knowledge.

During Project: Informal assessments will be used weekly to monitor students' needs for additional instruction, practice or support.

After Project: I will use a rubric to assess the students' presentation for the final assessment. Along with the content knowledge, students will be assessed according to their ability to use the digital cameras and presentation software.

D: BUDGET

Item	Amount
Digital Cameras	\$900.00
Webcam	\$100.00
	\$
	\$
	\$
	\$
	\$
TOTAL (not to exceed \$1,000)	\$1,000.00

Describe additional materials, labor, or dollars which will be devoted to this project (e.g. donations, volunteer labor, other grants, school funds):

Item	Provided By	Estimated Value
Digital Memory Cards	PTO Grant	\$100
Digital Memory Card Readers	PTO Grant	\$100
		\$
		\$
		\$

Submit application by E-Mail to: matt.wahrhaftig@ketteringschools.org

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E: CERTIFICATION

By affording my signature, I certify that following:

1. All information contained herein is true and correct.
2. We have reviewed this proposal.
3. The beginning date of this activity is September 2007 and the ending date is May 2008. If the grant is awarded, I will submit an interim report on the form provided. I will submit a summary report, accounting for all expenditures, no later than the last day of the school year during which the project is implemented. I will reimburse any unspent funds to the Kettering Education Foundation.
4. I grant to the KEF the right to use this proposal and the results of this project, if funded, for public information purposes to help other educators or publicize the foundation and their activities.
5. I accept the decision of the Grants Committee.
6. I will submit to the KEF finished project description, letters of thanks, and photo documentation of finished project. I will submit this required information on or before March 1, of the following year.

Date: May 10, 2007 Signature: Deborah S. Everett (Typed name will suffice as signature)

This submittal will be automatically forwarded to your principal for final approval.