

2011-2012 Grant Winners

Fall

Winter

Classroom - \$500

“Proofreading in the Age of Technology”

Joe Montgomery

West Hills Primary – 23 Current First Grade Students (more as the years go on)

Through the use of rubrics, students begin to understand what to look for when checking their writing, but spell checking continues to be an issue. This grant will put to use an electronic spell checker, which will enhance motivation to check their work, which will facilitate a writing workshop that will be used in class during the school year. The goal is to help the students develop better proofreading skills, which they can use the rest of their lives.

“Raising Readers Through Versa Tiles”

Jessica Weigel

West Hills Primary – 17 Third Grade Learning Support Students

Students with learning disabilities learn through multi-modality learning experiences. The goal of this grant is to support the opportunity to learn phonics through a concrete hands on approach to learning. The Versa Tiles Phonics will focus on many skills that are crucial for these students such as digraphs, vowel sounds and combinations, sight words, prefixes, suffixes, and root words.

“Building Bridges”

Eric Gromley

Elderton High School – 60 Seventh thru Ninth Grade Students

Students will explore structural engineering principles that apply to the design of bridges. The design process will be followed by students which include sketching, drawing to scale, building, and testing model bridges of their own design. PSSA, NCTM, SAS, NSTA, and ITEA standards of math, science, reading and technology will be covered.

“Science Come to Life”

Barb Carnahan

Elderton Elementary – 30 Third Grade Students (Reg. Ed & Learning Support)

With a focus on various sciences, including Life Science, Earth Science, and Space & Technology Science, students will be aided in the learning process of science as a whole. This will allow for enhanced learning through “seeing”, “touching”, and “doing” the content and will bring that content “to life”.

Grade Wide \$1000

“Going Digital: Using Digital Photography to Teach Technology”

Trisha Dilick

Elderton Elementary – 45 Fourth Grade Students

More and more technology is becoming an important part of the education process. The goal here is to expose to and teach students about different types of technology at an early age so that they can apply that knowledge the rest of their lives. Cameras will be used to enhance their studies in Science, Math, and Writing and will aid in their creation of books for Kindergarteners, power points on the life cycle of a plant, how-to presentations, and serve as junior photographers to help with the yearbook to name a few. All materials will be sustainable and be used year after year.

“The Earth Rocks, but the Sun Rules!”

Victoria Orr

Ford City High School – 200 Eighth & Tenth thru Twelfth Grade Students

In the year 2013 the next “Solar Max” cycle of the Sun will take place, which can cause many issues for us here on Earth. With this grant, I intend to have students monitor the Sun using a solar telescope. This will enable students to see real time movement of the sun. This is an important thing to monitor because our planet is constantly changing, and this will help our students understand that and how it is affected by the Sun.

School Wide \$2000

“Distracted Driver Simulator”

David Powers, Susan Meixelberger, & Judd McCullough

West Shamokin High School – 250 Tenth thru Twelfth Grade Students

This program, which includes three major components, will show young people the dangers of bad choices while driving. A simulator, which can be set up in a car, video screen for observers, and video program make up this program. We are all aware of the many distractions that all drivers, let alone new

drivers have. The goal is to better prepare young drivers by showing them the risks of these distractions.

“Technology Advancement for Student Achievement Through Ipad’s”

Eileen Serene

Shannock Valley Elementary – 40 Learning Support Students

The goal is to increase student motivation and learning through using current technology. The Ipad will be used to supplement the special education math, reading, language, and speech language pathology programs.

District Wide - \$5000

“STEM Robotics Course”

Dr. Shauna Zukowski & Patrick Mulroy

Ford City High School & Administration Building – Can benefit any interested Junior or Senior high school students (630 students)

STEM stands for Science, Technology, Engineering, and Math and is crucial for helping prepare students for our global market place of the 21st Century. This will offer student-directed, hands-on engaged learning by offering a robotics course at all ASD high schools. The course will give students the chance to enroll in classes that involve robotics buildings sets, programming software, and curriculum that puts students’ science, technology, engineering, and math knowledge to real-world use.