

Venture Grants
Penn Manor Education Foundation
February 2011

11-01 *In School Bowling Program*

All Elementary Schools

An in school bowling kit will be purchased to share with all 7 elementary schools. This equipment will provide physical activity to all students and allow them to have success regardless of their size and strength. Students will also need to score reinforcing math concepts.

11-02 *TAG Reading Systems for Kdg and 1st Grade*

Central Manor Elementary

Kindergarten and 1st grade classes will be provided with TAG Readers. These are a unique reading tool that incorporates technology and literacy into classroom literacy stations. The system is research based and incorporates activities to build phonological awareness, decoding, and comprehension.

11-03 *Read Naturally with iPods*

Hambright Elementary – 2nd grade

iPods will be used to help students improve their reading fluency at individual reading levels. Stories will be uploaded for student use. Using the latest technology will help to motivate all readers.

11-04 *Digital Magnification-Bodeline Proscope*

Penn Manor High School

The agriculture department will purchase a digital microscope that connects to a computer and projects magnified images onto the screen using an LCD projector. It will be used for demonstrations with small engine parts, plants, and small biological organisms. It will also be used when working on intricate engine parts and will magnify welds.

11-05 *E-readers in the Library*

Penn Manor High School

Five E-readers will be purchased for student use in the library. They will provide service to visually impaired students as the font size can be increased. The E-readers will also be used to help increase fluency in reading using the text to speech feature.

11-06 *Making History – DBQ Style*

Penn Manor High School

The grant provides funds to purchase resources such as relevant documents, lesson plans and teacher-resource binders that meet the needs of three current required courses and two elective courses. It provides state literacy anchors and common core standards.

11-07 *Technology Alive in the Classroom*

Penn Manor High School

A classroom set of iPads will be purchased for the social studies department. This technology-added component will be part of a high school pilot program to research future classroom deployments. The iPads will enable students to prepare for the Keystone Exams in the social studies courses by extending their learning outside the use of textbooks.

11-08 *Waste Vegetable Oil Car Project*

Penn Manor High School

The AP Biology/AP Environmental Science classes are converting a 1983 VW diesel Rabbit over to a waste vegetable oil vehicle. The funds will help purchase the conversion kit that needs to be installed. Students will plan the installation process.

11-09 *pH Meters for the Classroom*

Penn Manor High School

The science department will purchase new pH meters for use by chemistry classes. The pH meters are used to collect data for various labs.

11-10 *Chest Waders for Electrofishing*

Penn Manor High School

Chest waders will be purchased for students to share while participating in field trips for the AP Environmental Science class. The students go electrofishing as well as perform various types of stream biological assessments to gage the pollution levels of streams and rivers.

11-11 *Attention to Reading – Exercise Balls*

Manor Middle School

7th grade students will be giving up their chairs for exercise balls in reading class. This will improve their posture and their attention. The balls allow movement without making noise and disturbing others and help students to focus on learning.

11-12 *Reading A-Z*

Manor Middle School

A site license to the Reading A-Z website will be purchased for use by 7th and 8th grade learning support students. The website offers hundreds of books sorted by reading level. Access to the books will allow each student to find books of interest at their reading level.

11-13 *Field Trip to Philadelphia Zoo*

Twilight School

Students in the Twilight School will visit the Philadelphia Zoo and participate in an educational workshop that takes a critical look at the reality of why wildlife is disappearing. The programs includes a lesson, up-close live animal encounters and interactive activities.

Total funds awarded for Venture Grants - \$12,406.22