

***The Art of Flight –***

*Penndale Middle School (Matt Wendell)*

The Radio Controlled (RC) Club at Penndale Middle School builds aircrafts and learns about the flight characteristics of the constructed airplanes. Students will now learn how to control and fly these aircrafts by purchasing several hand launches and power gliders. This project enhances both science and technology education for students.

***Rockets Away! Newton's Laws and Powered Flight –***  
*Penndale Middle School (Matt Wendell)*

Ninth grade students at Penndale Middle School will participate in a hands-on lab that will ensure that all students witness the practical applications of science in action that further the understanding of Newton's laws of motion. Students will complete background research involving the creation of a virtual rocket online and examine the flight characteristics of their own rocket. After construction, students will pressurize and launch their rockets. This activity supplements the current standards-aligned curriculum while enhancing a student's classroom experience.

***John Halligan's Presentation of "Ryan's Story" –***  
*Penndale Middle School (Chris Joy)*

Penndale Middle School is thrilled to bring John Halligan back to present to the entire student body and interested family members during a day and evening program. His presentation will include the story of his son Ryan and how he was bullied to the point of taking his own life. Important lessons on the effects of bullying will be apparent through this incredible personal story. It is a first-hand experience presented in such a way that will touch every person who sees it.

***Exposing ELL's to the Arts –***

*Penndale Middle School (Donna Detommaso-Kleinert)*

Approximately 45 English Language Learner (ELL) students in grades seven through nine at Penndale Middle School will visit the Kimmel Center. Students will have the opportunity to attend a matinee musical performance and then tour the facility. Students will be able to witness dancing, singing and acting as a way to express creativity and will help ELL students become bicultural.

***Forensics in the Classroom –***

*Northbridge School (Cynthia Taranto)*

Using specific forensic kits and scenarios, twelfth grade students at Northbridge School will use scientific reasoning to evaluate situations, evidence and outcomes. Studying forensics allows students to develop and enhance their problem-solving skills while engaging themselves in scientific methodology. The application of forensic science focuses on concepts and skills that are already emphasized in the classroom setting, but help create a bridge between science and real-life application.

***The Artist and Society –***

*Northbridge School (Marcia Lucas)*

Students at Northbridge School will visit the prestigious Philadelphia Museum of Art so that students are able to take what they learn in their Art and History classes and make the connection to what they see in the museum itself. This opportunity can inspire an on-going appreciation for art in society for years to come.

***The Joys of Reading –***

*North Penn High School (Sally Kauffman)*

The purpose of this grant is to create a life-long enjoyment of reading for the Teen Pregnant and Parenting Support Group at North Penn High School. Members will receive an early childhood book each month to encourage reading to their child at least five minutes each day. Kindergarten teachers from one of the North Penn elementary schools will be available to demonstrate to the students how to read to young children. Using a digital camera, each student will also receive a "Mommy Book." The students will also receive current information on raising children.

***Presentation of Two Sections of the AIDS Quilt –***

*North Penn High School*

*(Sally Kaufman and Andrea Roney)*

Funds from this grant will give the North Penn High School the opportunity to receive two sections of the AIDS quilt for the Equity Cares/Broadway Fights AIDS Benefit that will take place at North Penn High School in May 2012. This is an emotional and important display, not only for the students and staff members of North Penn High School, but also for the families and community members of the entire North Penn community.

***Vocab Bowl – North Penn High School (Jason Hoffman, Kevin Manero, Ellen McKee, Liz McConnell, Becky Poole, Megan Schmidt and Amy Young)***

Eleventh grade English students at North Penn High School will be able to participate in a Vocab Bowl. This fun and engaging academic event generates an excitement for learning, increases vocabulary knowledge and promotes good study and high level thinking skills. Everyone involved enjoys this event that promotes teamwork and good study habits.

***Autism Movement Therapy –***

*North Penn High School (Jaclyn Dull and Mary Wilson)*

North Penn High School students with autism will participate in Autism Movement Therapy (AMT), provided by two AMT certified instructors who will travel to the school twice a month for 45-minute classes. The objective of this therapy program is to incorporate movement and music in collaboration with Positive Behavior Support. These strategies help students with autism achieve speech, language, social and academic goals and provide a "whole brain" cognitive thinking approach.



**2011-2012 FUNDED GRANTS**

*Inside you will learn about the many wonderful opportunities that the North Penn School District Educational Foundation is providing for students throughout the district with the help of many creative and dedicated educators and generous contributors. The 2011-2012 school year consists of 28 grants that cover varied subject areas and involve students at every grade level.*

**Sewing and Knitting Clubs –**

*Extended School Care (Marjie Scott)*

Approximately 600 students who attend the Extended School Care Program at NPSD's 13 elementary schools will have the opportunity to participate in a four-to-six week sewing and knitting club. The Foundation will provide materials of thread and yarn. Sewing and knitting builds confidence, promotes relaxation, encourages creativity and allows students the opportunity to learn a new skill. In addition, students are able to practice their reading skills by following written directions while continuing the development of fine motor skills.

**Butterfly World Presentation –**

*Bridle Path Elementary School (Nancy Kahn, Liz Melville, Kathy Westwood, Maureen Zazyczny)*

Bridle Path Elementary School is excited to once again welcome back Mr. Mikula, otherwise known as the "Butterfly Man," for an exciting science presentation to approximately 90 first grade students. Mikula, an author, lecturer, photographer, habitat consultant and workshop organizer, will introduce the dramatic cycle of the natural world of butterflies using live and mounted specimens.

**Awesome Animal Adventures –**

*Autistic Support Classrooms*

*(Stephanie Jablonski and Amanda Van Vliet)*

Students who participate in the Extended School Year (ESY) program in the summer discovered environments both locally and across the globe to learn about animals and ecosystems. The core academics of reading, math and writing were incorporated into an interactive theme of animals and nature. The Foundation provided an unforgettable experience as part of this program by bringing Zoo's on Wheels to the students, giving them meaningful and memorable hands-on experiences.

**Bully Prevention and Character/Self-Esteem Building –**

*Gwyn-Nor Elementary School (Betsey Lane)*

As part of the Olweus Bullying Prevention Program, Gwyn-Nor Elementary School will implement a program that follows the books "Have You Filled Your Bucket Today? A Guide to Daily Happiness for Kids" and "How to Fill Your Bucket." These books and the program that corresponds demonstrates the message that the way we relate to others has a profound effect on every aspect of our lives. Utilizing this program, the school environment will become an even more positive place where all students, grades K-6, can be free of bullying and focus on the instruction in the academic classroom. Increased self-esteem will lead students to feel more secure in their abilities, which translates into better performance in school.

**Elmo Projectors –**

*Gwynedd Square Elementary School*

*(Amy Ferretti and Ina Bernstein-Schmidt)*

Through two NPSD Educational Foundation grants, second grade students at Gwynedd Square Elementary School will now be able to view 3-D objects, printed materials, manipulatives, color images and experiments through the purchase of two Elmo Projectors. Classroom instruction will be enhanced in nearly all subject areas taught in second grade.

**iPads for Academics –**

*Gwynedd Square Elementary School (Deborah Hunter)*

Gwynedd Square Elementary School will purchase an iPad to enhance the learning of each Autistic student by using specific applications that meet each student's individual academic, communication, fine motor and social needs. Integrating this technology tool into classroom instruction motivates and enhances student attention to tasks, as well as their ability to learn new skills and develop more communication skills and opportunities with their peers in social situations.

**Improving All Skills with a Wii –**

*Hatfield Elementary School*

*(Cindy Gross, Kim Rimmer and Kim Seiler)*

Recent research has demonstrated that the Nintendo Wii game system helps with cognitive, sensory, motor and social development and rehabilitation. Now, autistic support students at Hatfield Elementary School will benefit from the purchase of this system that will help improve eye-hand coordination, fine motor control and strengthening, hand dominance, sequencing, attention to task, sitting and standing balance, and endurance.

**Autistic Support in the Library –**

*Hatfield Elementary School (Lori-Ann Keenan)*

The Hatfield Elementary School library will receive interactive materials that will help enhance library time for its autistic support students. These materials will provide engaging experiences that align with classroom curriculum while simultaneously exposing students to various authors, illustrators and literature.

**ESL Reading, Writing and Language Arts –**

*Hatfield Elementary School (Andrea Bowers)*

Approximately 40 English as a Secondary Language (ESL) students will have the opportunity to experience a visit to a local grocery store and restaurant. These students will become familiar with departments of the supermarket and learn the vocabulary associated with the food they see. They will also experience reading a menu and selecting food at a restaurant. Lessons will first be taught in the classroom and then the students will apply what they learn out in the community.

**Experiencing American History and Culture –**

*Hatfield Elementary School (Marilyn Loeffler)*

English as a Secondary Language (ESL) students at Hatfield Elementary School will be introduced to early American life through reading books and developing background on how America was formed. After their lessons in the classroom, students will travel to the Morgan Log House to experience life in the colonial period and then to Freddie Hill Farm to experience the richness of various Fall activities.

**Book Nook Program –**

*Knapp Elementary School (Barbara Troutman)*

Students at Knapp Elementary School will have the opportunity to take books home to read and share as a family. Allowing students to take books home with them will encourage them to practice reading at home, reinforcing them to become proficient in reading and improving reading fluency and comprehension. As the students read books on a variety of subjects, their overall level of background knowledge will increase.

**iPads to Improve Speech –**

*North Wales Elementary School (Erin Hillyer)*

The Foundation is proud to be able to provide the North Wales Elementary School Speech Department with an iPad to enhance student learning through the use of technology. Using an iPad allows staff members to integrate technology in everyday, interactive teaching lessons. This tool can be used with traditional instruction such as flash cards and workbooks, all which help students improve their vocabulary.

**Science Night –**

*Oak Park Elementary School*

*(Karlee Clemens, Linda Roberts and Karen Scioli)*

Oak Park Elementary School will hold a Science Night to celebrate science with local educational clubs and vendors. The event will educate attendees on the science curriculum at the elementary level, provide hands-on exploration and give students an opportunity to showcase their understanding of the subject. This is a great forum for students to share what they are learning to others and for staff members to inform parents/guardians of how they can support and extend upon their child's learning in the subject of science.

**Oak Park Goes Wild –**

*Oak Park Elementary School (Shirley Bergman)*

The entire Oak Park Elementary School student body will attend an assembly from the Philadelphia Zoo's "Zoos on Wheels" program. Following the assembly, students will then participate in a week-long series of events that encourages reading, writing and researching animals.

**School-Wide Reading Incentive –**

*Oak Park Elementary School (Tina Zisk)*

Staff members at Oak Park Elementary School have created four reading incentives throughout the year to promote a community of readers both in school and at home. Students in kindergarten through sixth grade will be encouraged to read with support from their teachers, families and peers. These activities will keep students motivated and excited to read throughout the entire year.

**Life Skills Library –**

*Walton Farm Elementary School (Pat Koontz)*

Baby Einstein programs will be purchased for the Walton Farm Elementary School library. These DVDs and videocassettes are specifically designed for Life Skills and Multiple Disabilities classes. These items are perfect for these students as they listen to music and learn about shapes, numbers, farm animals and other stories. The purchase of these programs will enhance the school's library and make these students' learning time in the library more meaningful.

**Courtyard Renovation: "The Sound Garden" –**

*Pennbrook Middle School*

*(Josh Krall and Diane McTamney)*

All seventh, eighth and ninth grade students, as well as future Pennbrook Middle School students, will benefit from the renovation of an outdoor space on the school grounds. This project will create a usable, educational space by transforming an unused outdoor courtyard into an active center for health and fitness, teaching and learning, environmental literacy and community use. This space can provide opportunities to use experiential teaching methodologies that will accommodate the different learning styles of students in a variety of subjects.

**Courtyard Improvement Project –**

*Pennbrook Middle School (John Benedix)*

Pennbrook Middle School will create a beautiful courtyard that will include planter boxes and seating structures such as benches and cube chairs. Students in the Applied Technology course will help process, assemble and install the purchased ground planters, which will be used in the science curriculum when discussing Earth Sciences and Biology. In addition, the students enrolled in Family and Consumer Science courses will be able to grow herbs and vegetables that will be used in class for recipes and lessons on sustainability. The Technology Education Department plans on creating lessons on bio-related technologies that will develop compost and watering systems for the gardens. Overall, nearly every current and future Pennbrook Middle School student will benefit from this newly created courtyard.