

*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 teachers and generous contributors. The grants for the 2005-2006 school year consist of more than 50 grants. The projects cover varied subject areas and involve students at every grade level.*



#### Music - Orchestra Students - Susan Anderson

Orchestra students from Gwyn-Nor, Knapp and North Wales elementary schools will have the unique experience to take a trip to see a Philadelphia Orchestra concert. The Philadelphia Orchestra Concerts for Students offer the students an exciting opportunity to enlighten, educate and entertain. Young orchestra students will learn how to not only participate in a performing ensemble, but they will also learn how to become a trained audience for future musical experiences. The exposure to a professional orchestra is a perfect way to prepare students for both avenues of development.

#### Reading - Gifted Students - Amy Ryan Faga

Gifted students in grades three through six at Gwyn-Nor Elementary School will have the fortunate opportunity to spend three days with Diane Herr, a local expert on Shakespeare. The gifted students are made up of writers, artists, actors and researchers. Students will read, discuss and perform "A Midsummer Night's Dream," as well as learn about the Elizabethan culture and history. Students will have the chance to be exposed and enriched to some of Shakespeare's work.

#### Music - All students - Jill Swavely

The music classes at Gwynedd Square Elementary School will be supplied with tone chimes. This will benefit not only all music classes, but especially special learners who have a difficult time achieving music-reading fluency. Tone chimes are held and played with one hand instead of two and allow students to stay focused and on-task with greater ease. Following the music score to read and play notes will reinforce tracking skills. Tone chimes will afford more musical opportunities for students to learn and grow musically.

#### Music - Orchestra students - Jeffrey Miller

Orchestra students from Gwynedd Square and Inglewood elementary schools will have the wonderful opportunity to attend a Philadelphia Orchestra student concert at the Kimmel Center. They will be attending the musical, "Birthday Party for Benjamin Franklin." This is a unique cultural experience for the students to attend. They will be able to see and hear a performance from some of the world's best professional musicians playing many different instruments. The exposure to a professional orchestra is a perfect way to prepare students for both performing in an ensemble and becoming a trained audience.

#### English as a Secondary Language - Grades 1-2 - Donna Kleinert

First and second grade English as a Secondary Language (ESL) students at Hatfield Elementary will take an exciting trip to Solebury Orchard to experience the fall season first-hand. Many of these students have never seen the changing of the leaves in fall, the first snow fall in winter, the budding trees in spring and the different activities that coincide with these changing seasons. Students will be able to take a hayride, pick apples and see different types of berries and fruit trees. Through various books purchased they will also experience the other seasons of the year.

#### English as a Secondary Language - Grades 3-6 - Marilyn Loeffler

Third through six grade English as a Secondary Language (ESL) students at Hatfield Elementary School will be provided background information about America through the Expanding Horizons trip to Philadelphia. Background knowledge will aid ESL students in acculturation and comprehension. Taking the train to Philadelphia is an experience most ESL students have never had. While in the City of Brotherly Love, students explore the Franklin Institute to gain insight in various areas.

#### Autistic Support - Autistic Students - Kim Seiler

Students in the autistic support program at Hatfield Elementary School will have the exciting opportunity to take several trips to motivating places throughout the environment. These trips allow students to learn simple life skills such as money transactions, ordering in a restaurant, sequencing and communication. Students use live situations to allow generalization of skills and increase their language. Teaching in the natural environment furthers the progress of all children.

#### Math - Grades 3-6 - Nancy Adelman, Joy Lake, Karen Reid, Kathleen Lawson, Lisa Taddei

Students in grades three through six at Inglewood Elementary School will participate in a new initiative called Math Mondays. Each Monday, students are permitted to bring teacher-made math materials to the cafeteria to practice their math facts once they are finished eating lunch. The High Expectations correlate team at Inglewood implemented this in an effort to help all students become proficient in the four operations of the basic math facts, as well as emphasize the importance of knowing them. Appropriate developmental resources will be purchased and can be extended to be used in grades kindergarten through six.

#### Social Studies and Reading - Third Grade Students - Margaret Groller

A subscription for the National Geographic Magazine will be purchased for the third grade classes at Inglewood Elementary School. This will allow students to read nonfiction publications that are of high-interest to them. National Geographic has a long history of excellent articles and the magazine provides the same content for beginning readers as it does for those readers who are advanced. Activities also include maps, charts, time lines and discussion questions that include vocabulary, critical thinking and comprehension growth.

#### Learning Support - Learning Support Students - Kathleen Lawson

Intermediate Learning Support students at Inglewood Elementary School will participate in the play, "Old Frost's Winter Adventure," in December 2005. Participating in this play will provide a motivational format for students to practice reading with fluency and expression. Students will use this activity to improve reading proficiency, social interaction and self-confidence. The play covers themes that reinforce curriculum and behavior standards.

#### Learning Support - Grades 3-4 - Kathleen Lawson

Third and fourth grade Intermediate Learning Support students at Inglewood Elementary School will be supplied with scholastic classroom magazines. The magazines will bring current events and timely issues into the learning support classroom and will provide high-interest nonfiction and entertaining skill builders that support the curriculum. The magazines provide helpful activities to reach the dual goals of reading and awareness of what is happening in the world outside of the classroom. Topics of the magazines include global geography, geology, current events, critical thinking skills and maps.

#### Art - All Students - Carol Guinn

Knapp Elementary School will celebrate its 50<sup>th</sup> anniversary in December 2005. As part of the celebration, Knapp will have the honor of having artist-in-residence Abdul Ahmad come to the school to help the students create a celebration mural. The mural will be painted by Knapp children, parents and staff under Abdul's direction beginning in October and will be finished by December 1, 2005. This mural is designed to depict historical events of the past five decades.

#### Technology - High School Students - Michael A. Boyer

High school students involved in the Senior Design course of the Engineering Academy at North Penn High School will study the emerging field of nanotechnology as a unit to develop research and documentation skills. For this activity, students will be grouped in teams of three with the ultimate goal being to use a process called electrospinning to create their own nanofibers that have an average diameter that is less than 300 nanometers. Each team will be given a specific polymer to research. This activity is like no other at the high school level. Applying this knowledge to engineering education within the Engineering Academy will allow the students to use higher level of mathematics, statistical analysis, physics, chemistry and formal research. This type of engineering research is usually performed at the university, masters or doctorate level and will be a great experience for the students involved.

#### Special Education & Theatre - Grades 10 - 12 - Kathie Kerper and Andrea Roney

The North Penn High School Special Education Drama Troupe will be able to present four eight minute one act plays at each of the schools housing LLS, Learning Support and Autistic Support. Students in these drama classes will create the scripts, act in the productions and work on the costumes, props and set pieces. Students will also be required to keep a journal about their experiences, which will then be implemented in their classes. The stories will be taken from American folklore and will include some of the following people: Johnny Appleseed, Paul Bunyon, Betsy Ross and more. Students will also receive a special quilt square packet to be completed with their classroom teachers. Students will also attend the Broadway production of Wicked to observe professional actors.



### Upcoming Foundation Events:

Don't Miss The NP Educational Foundation Charity Golf Classic, Pine Crest Country Club

**Monday, August 21, 2006**

Call 215-368-0400, ext. 212 for details and tickets

### Upcoming NP School District Events:

North Penn Community Forum

Michele Borba: Developing Your Child's Social Skills

Monday, March 27, 2006, 7p.m.

Call 215-368-0400, ext. 212 to register

Come Celebrate the 50<sup>th</sup> Anniversary of NPHS at the Welcome Home Celebration

**May 27, 2006**

Activities include decade and class reunions, musical performances, NPHS tours, a spectacular fireworks display and many other surprises.

Call 215-368-0400, ext. 208 for details

#### **Reading— Third Grade Students – Donna Grabner**

Third grade students from Oak Park Elementary School will independently read books from the third grade literature selections. Students will then plan a timeline for reading in their literacy lunch journals. While reading, student will record their reflections about the book, characters, theme, author, genre and connections to their lives. By using a book club environment students will be able to discuss the book while eating the theme literary lunch in the classroom. Five different books may be chosen through the school year from October through May.

#### **Gifted Support – Grades 3 – 6 – Melissa Walsh**

Gifted students from Walton Farm Elementary School will have the opportunity to work with Shakespearean author-in-residence Diane Herr for two days. The students include writers, artists, actors and researchers and with Diane Herr they will read, discuss and perform selections of plays. Students will also learn and speak the language of the times and learn about Elizabethan culture and history. This project will expose, enrich and enact gifted students to some of Shakespeare’s greatest works and understand the times in which he wrote these masterpieces.

#### **Math – Elementary School Students – Susan McArdle**

The York Avenue Elementary School, in collaboration with the York Avenue Home & School Association, will implement a program to increase parent involvement through parent tutoring initiatives in math. In the past York Avenue parents report that they often find it difficult to help their children with their math homework. York Avenue will now be able to provide informational sessions to parents that will include “hands on” training on everyday math reasoning concepts with their child under the supervision of two teachers and/or a math support aide. Two family fun math-themed events have also been planned with activities that parents and children can do together. This is a great project that will allow parents to be involved in their child’s homework.

#### **Library – Alternative Students – Marcia Lucas**

The North Penn Alternative School will create a parent center that will provide the essential third component of a more productive and empowered alternative program. Parental involvement completes the triad of a supportive and pro-active alternative program. This component will help parents and guardians gain insight into strategies to support their student in the academic and behavioral pursuits. Computer access will also be valuable to parent sites, providing tools for parents to research self-help programs on an individual basis. Completion of a parent center in the North Penn Alternative School library will be a valuable resource for parents to visit during the school day.

#### **Science – Seventh Grade – Jason Reckner**

Special education and economically disadvantaged students at Pennbrook Middle School will receive an enriching learning experience from The Great Valley Center. The Great Valley Center is an organization that fosters an appreciation and understanding of the natural world, promoting a sense of responsibility for its care through environmental education programs and outdoor recreational experiences. The seventh grade science department at Pennbrook will hold a two-day educational event. The first day Great Valley will come to Pennbrook to hold two 50-minute outreach programs called “Links for Life” and “Rain Forest Rally.” The second day will consist of two 90-minute interactive, hands-on workshops on the campus of the Great Valley Center. Here, students will learn about photosynthesis, pollination and will be collecting stream organisms and conducting chemical tests.

#### **Theater – Ninth Grade – Joe O’Brien, Kim Marzola**

The Walnut Street Theater will come to Pennbrook and Penndale middle schools to perform “The Play’s The Thing” for the entire ninth grade classes of the two schools. Through this performance students will be able to explore the life of William Shakespeare, better understand the function of the English language, make historical and cultural connections and comprehend and interpret Shakespeare’s literature.

#### **Math – Eighth Grade – Amy Grecu**

Eighth grade geometry students at Penndale Middle School will be supplied with geometric stamps to help teachers make worksheets, tests, quizzes and various other assessments. The stamps will provide students with a more accurate picture of the figure, rather than a typical hand drawn image. The students will benefit from these items because they will always see an accurate representation of both two and three dimensional figures.

#### **Math – Eighth Grade – Amy Grecu**

Students in the eighth grade at Penndale Middle School will receive books that provide various fun ways to learn math and relate the concepts to real life situations. The books will be helpful in all levels of eighth grade math due to the concepts in the books overlapping one another. Some of the books will also help students learn math vocabulary for PSSA testing, as well as provide alternative ways to teach concepts to middle school students. Through these books students will become more interested in the subject of math and apply math concepts to real life situations.

#### **Social Studies – Seventh Grade – Rob Pecharo**

Seventh grade students and staff at Penndale Middle School will be visited by special guest Wayne Brunt. Brunt is a former teacher of NPSD and also a Revolutionary War reenactor who is involved with the First Pennsylvania Regiment of Foot reenactor group. On Thursday, December 1<sup>st</sup> Wayne Brunt presented a Revolutionary War reenactment to the Penndale seventh grade. His presentation objectives are to provide audio, visual and textual examples of the war to students in an innovative manner that they will not forget.

#### **Guidance – Middle School Students – Ardene Vencius**

Students at Pennfield Middle School will receive a grant that will compliment Pennfield’s year long initiative of Bullying Prevention: A Process. . .Not an Event, the Responsibility of a Bystander. A guest speaker, the second of the year, will come to Pennfield to present the responsibility of bystanders. The speakers will share several skills and ways to respond to a bullying situation. Following the speaker, the drama class will present vignettes to all grade levels to show positive and assertive responses for bystanders.

#### **Science – High School Students – Christopher Young**

Students at North Penn High School will have the opportunity to use Snap Circuits Kits while during their science classes. Electricity is a somewhat difficult subject for students to grasp and this new equipment will help them comprehend the information. Snap Circuits kits use building blocks with snaps to build electrical and electronic circuit projects. Each block has a function and students can easily investigate changes by swapping parts without the need to re-wire or solder components. There are up to 500 different experiments available for students to explore.

#### **Social Studies - Fifth Grade Students - Kim Blauvelt, Gary Messner, Janis Skolnick, Marsha Oates**

Fifth grade students at Montgomery Elementary School will be provided with curriculum aides for their social studies class. The units encourage students to learn through experience rather than memorization and recitation and are designed to accommodate learners of all levels. Four key educational concepts including differentiated instruction, integrated curriculum, cooperative learning and authentic assessment are highlighted.

#### **Learning Support - Learning Support Students - Ted Trissler**

Learning support students at Montgomery Elementary School will be supplied with the FISH! For Schools program. This program includes books and videos and was created to improve classroom management through shared ownership, common language and strong relationships. A learning environment is created where students and teachers treat one another with respect and kindness to find joy in learning

#### **Reading - Kindergarten Students - Erin Hillyer and Deb Caltabiano**

Kindergarten students at North Wales Elementary School will be supplied with phonemic awareness assessments and materials that collaborate and integrate speech skills into the classroom. Kindergarten students will develop phonemic awareness skills using phonics, word analysis, syllabication, pictures and context clues to decode and understand new words during reading. This will be a collaboration effort between the kindergarten teacher and the speech teacher.

#### **Learning Support - Grades 4-6 - Stephanie Sarris and Elizabeth Piazza**

Learning support students in fourth, fifth and sixth grades at North Wales Elementary School will be supplied with programs that will help them become more fluent readers with improved comprehension. Students will read non-fiction stories at his/her reading level. The student’s fluency will be assessed on a regular basis and they will also be required to answer comprehension questions.

#### **Reading - Fifth Grade Learning Support Students - Christine Detweiler**

Learning support students in fifth grade at Walton Farm Elementary School will be supplied with reading books. The teacher will read what is traditionally referred to as a ‘picture book’ to the students in the class. Students will be asked to be aware of the author’s purpose in writing the book and what values are depicted in the story as well as the style of writing. Students will then write their own individual critiques. Students will share the critiques with the classroom and the critiques will be printed on a page along with a student holding the book. These pages will be placed in a binder in the library for younger students to look through, with the objective of encouraging them to read these books.

#### **Art - All Students - Susan McArdle**

Students at York Avenue Elementary School will have the wonderful opportunity to have Earl Lehman join them as an artist-in-residence for 10 days. Lehman will help the students create a multi-paneled mural depicting York Avenue’s history and its connection to the community as seen by the students. The completed work will be displayed in the school and students will be required to write essays about their experience with the artist-in-residence.

#### **Learning Support - Middle School Students - Fran Hershman**

Learning support students at Penndale Middle School will be provided with a program called ‘Eggsper.’ This program will help motivate students to learn vocabulary and grammar skills by creating a game-like atmosphere in the classroom. These games and activities will make the atmosphere within the classroom more positive and increase the student’s desire to learn the given material.

#### **Reading - Middle School Students - Joanne Naudasher**

Students at Penndale Middle School will be provided with the Young Reader’s Choice Award Program through the Pennsylvania School Librarians’ Association. This program will promote reading and listening of quality children’s literature. Students will choose at least three books to read or listen to over a six to seven month period. Each child will perform brief activities concerning the book’s author, characters and theme. This program offers students the opportunity to become familiar with North American authors while building fluency, improving motivation and by enhancing background knowledge.

#### **HSCS - Middle School Students - Dorine Rader**

Students at Pennfield Middle School will be provided with a program that will benefit them in areas of mentoring, developing teamwork abilities and developing Human Services & Consumer Science-related skills. This will honor and recognize the contribution of support staff. This program will be used in conjunction with Bullying Awareness, Counselors, Administrators and SAP Members. The objective of this program is to help students learn to feel good about themselves by helping to recognize the contributions of others around them.

#### **Guidance - Middle School Students - Ardene A. Vencius**

Students in each grade level at Pennfield Middle School will be presented with a program that will focus on bullying among boys and girls. The program will define bullying and bullying behaviors and will teach students appropriate ways to handle bullies. Creating this awareness and supplying the students with this information will be followed by group discussions and small group work about the issue.

#### **Technology – High School Students - Michael Voicheck**

Student members of the Model Aviation Club at North Penn High School will benefit from the purchase of micro air vehicles. The students will develop teamwork throughout designing, building and flying their own indoor aircraft. Students will be able to receive feedback from college students researching Micro Air Vehicles at Drexel University. The club setting enables students to learn together while providing them with necessary supplies, resources and instruction.

#### **Autistic Support – High School Students - Mary A. Wilson**

Autistic support students at North Penn High School will be taught how to make and sell sock snowmen by two Merck employees. Students will be required to use reading, writing, English, math, social studies and science skills to complete this task. This project will also require the students to perform in a social setting by cooperating with teachers, teaching assistants and other students.

## 2005-2006 Mid-Year Approved Grants

### Science – AP Physics Students – Christopher Young

This year the Advanced Placement physics students at North Penn High School will enter the 2006 Team America Rocketry Challenge. Students will design, construct and fly two model rockets in hopes of winning some of the scholarships and awards that are available. This is a great challenge and is a great cooperative learning experience for students.

### Science – Upper Level Physics Students – Christopher Young

Upper level physics students at North Penn High School will get the chance to enter the 2006 International Bridge Building Contest. Students will be given the opportunity and the materials needed to design and build scale model bridges and then compete regionally, nationally and internationally for scholarships. Students will be able to apply the knowledge they gain in physics class to the construction of model bridges.

### Social Studies – High School Students – David Hall

Students enrolled in “Topics in American Life” at North Penn High School will take part in a domestic violence and public policy research project. Each class will be provided with a series of guest speakers who will work with students on information about domestic violence issues, including protection from abuse orders, domestic violence and criminal cases and domestic violence in diverse relationships. Student examination of domestic violence and public policy can work to create policies that will reduce incidents of domestic violence in our community, state and nation. The result of the research will then be presented to a panel of community leaders.

### Enrichment – High School Students – Sally Kauffman and Cindy Louden

Equity Cares/Broadway Fights AIDS Benefit at North Penn High School will be presenting two panels of the AIDS quilt. The two panels are hung, usually on the left side of the concourse at the high school, and deliver an extremely powerful presentation. Teachers will be invited to bring their classes to the display to discuss and see the AIDS quilt. The AIDS quilt will also be on site for the Benefit Cares/Equity Fights Aids Benefit.

### Health – High School Students – Sally Kauffman and Barbara Magarity

Each member of the teen pregnant and parenting support group at North Penn High School will receive an early childhood book to read to their child. A book will be given to each member for every month they attend the group meeting. This program will create a lifelong enjoyment of reading and a way for the teen parents to bond with their child. This year students and two chaperones will attend the Montgomery County Teen Parent Task Force Teen Parent Conference. This conference will provide workshops for students and chaperones for pregnant and parenting teens, as well as information about community services agencies that can provide resources for the teens.

### Reading – High School Students – Addy LaMonaca

This year the North Penn High School library will extend the Reading Riot program to an all day event for students during National Library Week. During this program students and adults read self-selected passages to an audience of students and staff. The program promotes reading, listening and public speaking skills while encouraging students to read original works to an audience.

### Enrichment – Entire North Penn School District – Robert Hassler

North Penn School District will be hosting a Community Forum on November of 2005 with guest speaker Dr. Michelle Borba, an internationally renowned educational speaker. She is recognized for her practical solutions-based parenting strategies to strengthen a child’s behavior, self-esteem, moral development, as well as building strong families. The North Penn Community Forum represents a broad section of the North Penn community who are working together to improve education and enhance life-long learning while providing the highest education for all students. The North Penn Community Forum is free and open to all members of the community including business persons, teachers, parents, students and administrators.

### Verizon Reads Grant

The Verizon Corporation is committed to supporting programs and projects that enrich communities, educate citizens and create a skilled workforce. In the 2005-2006 school year, Verizon will fund the purchase of five mobile laptops, three Smartboards and three Smartboard Projectors to be used by secondary students at North Penn High School.

Students leaving high school will be faced with the requirement of reading a wide range of reference materials. In all businesses, workers will be required to interpret, synthesize and use data to form decisions or draw conclusions. High school graduates must be equipped with the necessary skills in order for them to succeed in the future.

The project, *Verizon Reads*, extends the North Penn School District’s efforts to provide alternative learning methods for non-proficient readers through the use of portable laptops. The laptops will be added to the existing mobile lab which will provide access for additional students. Computer-aided instruction will enhance student participation which directly effects performance. Use of the internet will enable teachers to match motivating reading material with students regardless of level or topic. *Verizon Reads* will also be implemented in remedial reading classes by the buildings’ reading specialists.

This project also includes a Smartboard, an interactive whiteboard, to give students positive, visual reading experiences that they can transfer to books. The Smartboard will enable an entire class to interact with the written word at an appropriate level during the instructional portion of a lesson. This will improve students’ attitudes towards books and reading while allowing them to focus.

A Project-End Status Report as well as a Mid-Year Status Report will be required at the end of the grant project.



### Science – 1<sup>st</sup> Grade Students – Kathy Westwood, Liz Melville, Colleen Donovan, Kathy Fitzgerald

Mr. Mikula, known better as “The Butterfly Man,” will give a presentation to the first grade science classes at Bridle Path Elementary School. The presentation, “Butterfly World,” teaches children about one of nature’s most miraculous transformations through accurate demonstrations, stories, geography and pictures. Mr. Mikula is a recognized author, lecturer, photographer and habitat consultant. His knowledge will be an enriching experience for all students.

### Art – All Students - Patricia Mascaro

Students at Gwynedd Square Elementary School will have the chance to create and design their own stained glass piece with artist-in-residence Elena Drozdova. There will be a fruit and vegetable theme to this project and when finished the stained glass pieces will be displayed in the Gwynedd Square cafeteria. While making the artwork, students will discuss the importance of good nutrition and maintaining a health diet. This process will not only enhance learning while connecting other disciplines, but it will also empower students to make better nutrition choices and stimulate students to be creative.

### Reading – Learning Support Students – Barbara Dell Barnitz

Learning Support students at Hatfield Elementary School will be supplied with the Readingpen Basic Edition, a revolutionary reading aid for students with reading difficulties. This pen scans single words or full lines of texts and reads those words aloud. There is also a definition, thesaurus and spelling feature that can be disabled for testing purposes. This pen will help students read content area tests and difficult words while increasing vocabulary development and written expression in all subject areas.

### Music – Elementary School Students – Jacqueline M. Queene

Students from kindergarten through sixth grades at Hatfield Elementary School will be supplied with Boomwhackers to be used in their music classes. These tuned percussion tubes are made from lightweight plastic and are played by striking any surface including arms and legs. These instruments have proven to be a valuable tool for reaching all students any every level. The entire Hatfield student body will benefit from the Boomwhackers due to the immediate participation and creation of music that will occur. These colorful tools will provide visual, auditory and kinesthetic learners with the ability to succeed. The instruments will also allow for gross motor skills and students who have difficulty with communication skills.

### Physical Education – Grades 4 – 6 – Jim Barry

The Hatfield Recess Walking Program at Hatfield Elementary School will purchase 60 pedometers for students to track their steps as they walk around the school yard during recess. The Hatfield Recess Walking Program is designed to get students in grades 4-6 to become more active during the school day to help promote a healthy lifestyle. Physical education classes are only offered once a week at the elementary school level and this program gives the students the opportunity to expand their learning outside of their physical education class. Students will have access to heart rate monitors in order for them to monitor their heart rate before and after walking. Students can track their steps each day and will be recording this information to show their improvement in a graphic representation.

### Reading – Grade 5 – Dean Calvaresi, Linda Lux, Julie Ryan

The primary focus of Inglewood Elementary School for the 2005-2006 school year is Reading Strategies. To help support this important theme, a National Geographic magazine subscription will be purchased for each student in fifth grade. National Geographic Explorer magazine will bring high interest stories with incredible photography to every student while enhancing the 5<sup>th</sup> grade reading curriculum. This magazine will also promote nonfiction reading skills with standard-based articles covering Social Studies and Science. It will strengthen pre-reading discussion, writing skills while offering reading comprehension.

### Math – Grades 2 – 5 – Nicole Dudek

Inglewood Elementary School held a Family Math Game Night in late October. The use of games in math supports the North Penn School District math curriculum while providing many opportunities for families to feel welcome into the school community and involved in the math learning process. The games played at family math game night included and promoted problem solving, critical thinking, logic, geometry concepts, knowledge of facts and other mathematical strategies. The goal of this event is to encourage students and families to spend time together on educational activities both at home and school. These nights promote positive learning opportunities and affect many students and families in the Inglewood community.

### Various – Elementary Students – Kim Kenworthy

Elementary school students at Inglewood Elementary School will participate in classroom jeopardy in the spring. In the 2004-2005 school year, health teachers in grades K-6 developed topics according to their grade level health curriculum. Students then researched the topics and formulated one question in their topic that was programmed into classroom jeopardy. The game was played in May and all 500 students were able to be actively involved in the game. Now, with the purchase of additional materials, the classroom jeopardy system will be more accessible for all teachers to use in their classrooms. This is an enjoyable and educational activity that includes all students at Inglewood.

### Gifted Support – Grades 5 & 6 – Amy Ryan Faga

Fifth and sixth grade gifted support students at North Wales Elementary School will have the opportunity to have a dynamic scientific learning experience using technology through a program called Operation Montserrat. Students will be able to work both individually and in teams to study articles about forest fires, hurricanes, volcanoes and the island of Montserrat. They will be able to answer content questions, calculate hurricane and seismic data, investigate geographic history, transportation systems and population centers of Montserrat. Students will then be split up into 4 teams to attend a simulation of an approaching hurricane and impending volcanic eruption. These teams will act as Montserrat’s Emergency Response Team and will be required to answer questions about the upcoming disasters and give recommendations on how to help. The simulation will take place at Montgomery County I.V.

### Music – Elementary Students – Cathleen Keane

Students at Oak Park Elementary School will have the chance to become little Mozarts through a captivating program called Music for Little Mozarts. This sequenced program will enable students to become fully engaged, independent musicians. Using this program, teachers will be able to bring students from readiness to advanced level of inner hearing and then transferring their musical thoughts into notation. An extensive assessment section is also included with this program, enabling teachers to track the progress of each student. This program is a fun and creative way to teach students music literacy in both reading and writing.