



## 2014-2015 Celebrate Innovation Grants

### Elementary Schools – 12 Grants totaling \$18,195

- **Microscopes** – Jason Hamilton, Fogelsville, Grade 4 – Four AmScope metal microscopes and one digital imager to be utilized in the 4th grade classroom. Students will learn the importance of a microscope and will be able to explore the invisible world and examine animal and plant cells. – \$395
- **EchoPen / Livescribe / Camtasia** – Wendy Rice, Ironton, Grade 3 – Interactive learning for 3rd graders using the EchoPen / Livescribe along with Camtasia Internet Subscription. Students will be able to record a lesson and be able to post the lesson on website for students to view at a later time and to also use during small group instruction. This would allow students who are absent or out due to illness to view the concept that was taught while they were out. – \$525
- **Bridging the Language Barrier Using Technology** – Marjorie Evans and Tracy Smith, Elementary English Language Learner (ELL) Students – 4 iPad mini w/ keyboard and case. Technology has proven to be very helpful in introducing English in a non-threatening manner to the ELL students. Teachers will have the ease of Google translate to assist throughout the day using the iPad. It has been found to be useful for this age group due to its ease of use and number of apps available. – \$1,436
- **BrainPOP Jr. Grades K-2** – Julie Schultz and Lynn Kelly, Jaindl, Elementary K-2 – Purchase subscription to BrainPop Jr. Grades K-2. Brain Pop Jr. is a web-delivered learning tool that delivers instructional content using animation, graphics, audio, text, etc. which engages students and enhances the students learning experience. – \$1,200
- **iPads for Grades 3-5: Tools for Collaboration and Learning** – Julia Strauss, Schnecksville, Grades 3-5 – Purchase three 16G iPads and three iPad adapters. This request is to enhance the technology in place at Schnecksville. This would assist with enhancing the flipped classroom experience in the intermediate grades, enable Skype virtual field trips / collaborative sessions, support STAR, Lead 21 inquiry projects and much more. – \$1,403
- **Nintendo Wii for Phys Ed** – Ryan Kleintop, Kratzer, Health & Phys Ed, K-5 – Nintendo Wii, 3 additional controllers, & 3 games (Just Dance 2014, Wii Sports, & Wii Sports Resort). This will bring technology into the phys ed classroom to supplement current practices. Students will have more opportunity to engage and get involved and increase effort and participation. – \$371
- **Let's Read MORE!** – Sara Bartos and Lisa Lehman, Jaindl, 2nd Grade – This program will provide science, math and social studies books to be used in conjunction with Go Math! And LEAD 21. These additional books will provide students with extra reading material that are age and reading level appropriate. – \$1,515
- **Fostering the Four C's with Classroom Instruments** – Jill Kemmerer, Fogelsville, Vocal and General Music Grades K-5 – Purchase Alto Xylophone, Soprano Xylophone, Bass Xylophone and 4 Hand Drums. The purchase of these instruments would assist the elementary approach to teaching music and add interest to musical lessons. The addition of these instruments will allow more playing time and a more successful musical experience for all of the students for many years to come. – \$1,500

- **Integrating Technology with Kindle Fires** – Jennifer Hicks, Barb Hudak & Mike Frew, Kernsville, Grade 3 – Seven Kindle Fires and covers w/ stylists along with an Amazon gift card to purchase apps/books for 3 classrooms. The use of the Kindle Fires will more effectively increase the execution of the Go Math program, it will also allow students the resources needed to make innovative inquiry projects and Lead 21 writing ventures. – \$4,046
- **Sound System Upgrade** – Richard Furbeck, Kernsville, Music K-5 – Yamaha Channel Mixer and 2 Microphones for use in the gym/auditorium. The new system will provide improved sound coverage and will increase the clarity of the sound. – \$1,803.66
- **Salad Bar** – Regina Reichard, Parkway Manor, Cafeteria – Cambro Salad Bar for students and staff to use on a daily basis. The long term objective would be to create and maintain a vegetable garden on Parkway Manor's grounds. – \$2,500.00
- **Fueling Up At Kernsville** – Amelia Serensits, Kernsville, Food Service Dept. – To continue to promote a healthy breakfast and lunch to the students at Kernsville. The promotions will offer one free breakfast to all students, various raffles, prizes and guest speakers. The intentions of this program are to improve learning, behavior and overall health of the students. – \$1,500.00

### **Middle Schools – 14 Grants totaling \$21,419**

- **Flipping for Flipped Classrooms** – Kerin Steigerwalt, SMS, 7th Grade Language Arts – Echopen with accessories, wireless microphone, projection camera and Camtasia Software will be utilized in the flipped classroom providing a more effective differentiated lesson. Students will have access to the videos as many times as needed to review concepts from class opening the opportunity for enrichment. – \$650
- **STEM out with the Macbook Pro** – Noel Mahmood, SMS, Grade 7 Science – MacBook Pro will be utilized to create award winning projects for Sciece class, Computer Fair and other endeavors throughout the district. This will also allow teachers to use innovative software for flipped classrooms. – \$1,377
- **An Apple for the Teacher** – Dianne Haberstroh, OMS, Science 7th grade – Innovative project that promotes the branching out of STEMM education into all content areas by using an Apple MacBook Pro computer with Final Cut pro software. A variety of instructional and lab settings will integrate the PA Common Core Math and Language Arts directives into the science curriculum. – \$1,499
- **IXL Language Arts Membership for Life Skills Students** – Angela Bachert, OMS, Grades 6, 7, 8 Information Technology – IXL Language Arts membership to be used with the Life Skills students as a part of their IT course. This will offer comprehensive Math and Language Arts practice. This program is also aligned with PA Common Core standards. – \$199
- **In the Blink of an Eye** – Deborah Reinhard, SMS, Grade 6 – Epson document camera for use in 6th grade Reading, Language Arts and Social Studies classroom as well as in a fellow teachers Math and Science classroom. This document camera allows students and teachers to project examples from text onto the interactive board for aid in classroom lessons. – \$1,064
- **Document Cameras Make Stronger ELA Lessons** – Wendy Albertson, SMS, Grade 6 – Elmo document camera will be utilized to develop more comprehensive writing and reading lessons. Students will be more engaged with direct examples from text and be able to view examples of strategies and formats for writing. – \$350
- **CPS Student Response System (28 pack)** – Brian Fulmer, OMS, Grade 8 Special Education – CPS system provides a variety of additional lessons in a non-threatening format to be used to reinforce new topics being learned. The system would assist students in establishing a solid foundation and would provide feedback for the teacher to adjust their curriculum. – \$1,500

- **Use Your Brain with BrainPop** – Linda Benner, OMS, Grades 6-8 Library Media – This online program introduces new concepts in a fun and interesting way, using short movies then followed by activities and quizzes about the topic. The lessons are aligned with the PA Common Core standards. – \$1,200
- **STEMM and Common Core: Enhancing the Learning Environment while Differentiating Instruction** – Susan Stern, Scott Bauer & Daniel Christman, SMS, Science Grade 8 – 13 iPad minis with covers and iTunes gift cards for apps for 3 science classrooms. This would enhance the project-based blended learning classroom. In addition it would allow the teachers to bring many opportunities into the classroom to enhance student learning. – \$4,491
- **Weller Center Pilot Program** – Greg Poremba and Lisa Pany, OMS / SMS, 8th Grade Class – This is an 8th grade substance abuse prevention program offered through the Weller Center at both OMS and SMS. Students will participate in two 45-minute sessions which will address 8th grade health and science standards. – \$2,400
- **iPads in Education** – Stephanie Fulmer, OMS, Grade 6 Learning Support – 5 iPad minis which will offer support to students with and without learning challenges. This technology will assist with lesson delivery, hands-on activities, differentiated instruction and small group remediation. – \$1,500
- **Stand Up for Learning (Again!)** – Linda Keller, SMS, Grade 6 Learning Support – 4 adjustable height desks and stools will be utilized in the classroom to accommodate students with a need for movement, especially students with ADHD. – \$1,547
- **Circles 1/2: Intimacy & Relationships DVD upgrade** – Rachel McLaughlin, SMS, Learning Support Grades 6-8 – Upgrade for Circles DVD program which is used as a tool for teaching social skills to special needs students. The program has been very successful in the past. The Circles Method provides step by step dramatizations that allow students to "see" social boundaries. – \$641
- **Take A Stand Middle School Bullying Prevention Program** – Brian Barone & Megan Jenkins, OMS / SMS, Middle School Bullying Prevention Committee Grades 6-8 – Olweus Bullying Prevention Program/Motivational Speaker is the most researched bullying prevention program available. This program works to restructure the school environment and reduce opportunity for bullying. – \$3,000

### **High School – 16 Grants totaling \$23,420**

- **Biology STEMM - Gel Electrophoresis** – Laura Kowalski, PHS, Science Department Grades 9-12 – Biology Materials/kits. Students will learn how and why the process of gel electrophoresis/DNA fingerprinting is used to identify individuals. They will apply what they have learned to interpret DNA. – \$916
- **Creating a Digital Classroom** – Alice Stinebaugh, Andrea Greth, Maureen Kautzmann & Sean Bodnar, PHS, Social Studies Grades 11-12 – Echopen 4 pack bundle and 4 Camtasia Accounts will allow the teachers to continue to meet the needs of a digital classroom. By recording during lessons, students will be able to replay the lessons as much as they need. It will allow students to follow the teacher at their pace. – \$1,332
- **Preview and Program Monitors** – Marilyn Stinebaugh, PHS, 10th Grade English / TV Studio – Two Sony 40" LED TVs and 2 wall mounts to assist with the TV Studio upgrade project. These TVs will function as preview and program monitors for the switcher in the TV studio. – \$1,213
- **Vex Robotics** – Robert Yocum, PHS, Engineering and Technology Department Grades 9-12 – 2 Vex Robotics kits to increase to 3 teams working on separate robots. By implementing more robots and smaller groups, the students will be able to have more hands on time with design, construction and programming. – \$1,500

- **Rope Rescue - Science of Firefighting** – Eric Gopen and Barry Search, PHS, Science Grades 11-12 – This unit is to show students how to form a rope rescue system that utilizes safety devices and a mechanical advantage haul line. These materials would provide the students with a hands on experience. – \$1,250
- **iPads and Sensors for Physics Classrooms** – Sean Flueso, Jeffrey Wetherhold, Alison Dogmanits & James Hauser, PHS, Physics Grades 11-12 – 7 iPads w/ AppleCare +, 6 LabQuests to be used between Physics classrooms. This program would provide a rich experience for all physics students in preparation for STEMM field of study. Students will compare their data with others, perform more detailed math analyses & be able to collect real-time lab data remotely. Studies have shown the positive impact and value of blended learning strategies. – \$5,519
- **Botany STEMM - hydroponics** – Laura Kowalski, PHS, Science Department Grades 9-12 – Plant/Hydroponics supplies. Through this program students will be exposed to the sciences involved in the Botany course including earth science, physics, biology & chemistry. Students will work in teams to evaluate the systems created through research. They will also learn about the benefits of growing plants hydroponically. – \$1,088
- **Hang Up and Drive Assembly** – Deborah Andreoli, PHS, Driver Education 10th Grade – Guest Speaker Jacy Good presents to the students a life changing experience that is taken very seriously by the student body. This assembly is to reinforce safety practices to help protect students and the community by avoiding preventable accidents. – \$1,255
- **Connected Chemistry with iPad** – Wendy Simpson, PHS, Chemistry Grades 10-12 – 3 iPads w/ Apple Care + There is an increasing need for STEMM training. Using iPads in conjunction with digital lab equipment will provide a rich experience for all chemistry students. The use of blended learning enables students to achieve at their own pace. – \$1,494
- **Lights, Sounds, iPads! The iPad Theatrical Innovation** – Mark Stutz and Tracy Smith, PHS, Visual and Performing Arts – 2 iPads with cases. This equipment would enable the Department to work with students and do minor corrections from remote areas of the auditorium. It would facilitate instruction on the lighting and sound systems which is a key part of the theatrical experience. – \$1,400
- **Document Camera: Improving Student Performance with Technology** – Shirley Thomas, PHS, 9th Grade English / Newspaper Publication – Lumens DC Portable Ladibug document camera. This document camera would be used to help students increase their comprehension, writing and layout skills. It will allow students to view a hard-copy document on the whiteboard with a crystal clear image which would positively impact students in many ways. – \$467
- **iPad Minis for Trojan Tech Team** – Lauren Will, PHS, Library Grades 9-12 – Two iPad minis will be used by the Trojan Tech Team for facetime and iMessage when Tech Team members are on a technical call. The team is usually sent out to classrooms to trouble shoot technical issues and on occasion need to contact each other for support. – \$598
- **STEMM Mercy Ship Simulation** – Laura Kowalski, PHS, Science Department Grades 9-12 – AP Biology students will take a trip up the Amazon River through this videoconference. The students will learn about human disease and disorders. They will evaluate needs of patients and treat them based on their evaluations. Teams will work together to solve and release as many patients as possible in this 90-minute experience. – \$1,200
- **Trip to Hawk Mountain** – Susan Baranek and Tony Marsicano, PHS, AP Environmental Science – Admission for 75 students & chaperones, buses & bus drivers & substitutes. This trip will tie in to a lesson on raptor conservation which focuses on the historical and current global significance of Hawk Mountain. Students will engage in active research while on the trail. – \$1,211

- **More Active with iPad** – Kate Robbins, PHS, Math Department – 5 refurbished iPad minis w/ neoprene sleeves. With this program teachers will be able to quickly pull videos, diagrams and examples relevant to the specific needs of the students in the class. Students will be able to be more active participants in class as well. This program will move the Geometry classes closer to Hybrid Learning model. – \$1,478
- **Yearbook Workshop** – Kathryn Solderitch, English / Yearbook Elective – Eight editors and 1 advisor to attend Jostens Summer Yearbook Workshop. The workshop provides the opportunity to learn new and innovative ways to lead the yearbook staff. – \$1,500.00

### **District Wide – 7 Grants totaling \$29,220**

- **Motivational Speaker - Positive Choices** – Michelle Minotti, Todd Gombos & Jim Moniz, SMS / OMS / PHS, Grades 6-12 – 4 Presentations by Guest Speaker Milton Creagh including travel expenses. With his powerful message he touches not only the student body but the staff as well. This program is intended to empower the students and guide our parent community. – \$3,690
- **Keystone Supplementary/Remediation Grant** – Kristin Meeker, SMS / OMS / PHS – Materials aligned with the Keystone Algebra One Exam. This package would help to diagnose and develop individual remediation prescriptions for each child in prep for taking the keystones. – \$3,100
- **Safe Room Box** – Melissa Joseph and Kelly Theophille, District Wide, Student Services – 11 Safe Room Boxes (1 for each building). These boxes (filled with supplies, materials and resources) will be available to assist counselors and staff in supporting students through the grieving process. – \$1,430
- **DaVinci Science Center: ExSCiting Field Trip Essentials** – Kelly Rosario, District Wide, K-12 – Admission for students to Da Vinci Science Center. The center provides hands-on experiences for students and helps them master standards-based content and raise their awareness of STEMM careers. – \$16,500
- **Be The Bridge** – Diane Irish, District Wide, Student Services Dept. K-12 – Comprehensive assistance to Parkland families and students who have non-academic need including food assistance, mentorship and community building. – \$1,500
- **Rotating Art Collection for Parkland Administration Center** – Nancy Nahrgang, Kernsville, Art Department K-5 – Matting and Framing for Elementary School artwork to be on display as a part of the rotating art collection. This artwork is professionally displayed for all parents and community to view who visit the Administration Center. – \$1,500
- **Rotating Art Collection Parkland Administration** – Kaye Coval, Art Department – Matting and Framing for Middle and High School artwork to be on display as a part of the rotating art collection. This artwork is professionally displayed for all parents and community to view who visit the Administration Center. – \$1,500.00