



## 2015-2016 Celebrate Innovation Grants

### Elementary Schools – 16 Grants totaling \$21,980

- **Orff Schulwerk for 21st Century Learning, Jamie Yocum, Vocal Music, Cetronia**  
Adding several Orff instruments to the music classroom in order to increase students' opportunities for creativity and build musicianship through the integration of music, movement, speech, and drama using the instruments. The critical-thinking and problem-solving tasks involved in Orff Schulwerk call upon both linear and intuitive intellectual capacities. - \$1,500
- **Chromebooks for Intervention and Enrichment, Emily Hamm, 3<sup>rd</sup> Grade, Cetronia**  
The Chromebooks will provide a resource for intervention and enrichment for students who need a challenge while attention is given to struggling math students. With these computers students can spend time going on sites like Go Math and Khan Academy, as well as create learning tools for their classmates. - \$1,475
- **Helping Students Think on Their Feet, Leigh Navarre, Learning Support, Cetronia**  
Four stand up desks for students who are diagnosed with Attention Deficit Hyperactivity Disorder to satisfy their need for movement, allowing them to focus on instruction and complete assignments. Research shows that movement benefits students with ADHD. Their minds and bodies need stimulation in order to focus on instruction and complete assignments. \$1,348
- **BrainPop, Julie Schultz, Kindergarten, Cetronia-** BrainPop is an engaging series of videos for elementary students. This technological tool would enhance the current curriculum and be both equitable and accessible for all Cetronia students. The website username and password will be made available to all Cetronia teachers and families. - \$1,695
- **BrainPop, Jr., Julie Schultz, Kindergarten, Cetronia-** BrainPop Jr. is a web-delivered, multimedia learning tool that delivers instructional content. It is based on presenting information in words, pictures, and sound, which has shown to be more effective than presenting information in words alone. The website username and password will be made available to all Cetronia teachers and families. - \$1,200
- **Cetronia School Wide Positive Behavior Support, Kelly Scurci-Neth, Cetronia**  
Parent and teacher surveys yielded a need for clear and consistent expectations across all grade levels, increased positive reinforcement for appropriate behavior, and additional parent communication. As a result, the objective of this program is to work with the School Wide Positive Behavior Support Team to reinforce socially appropriate behavior that will be internalized by the students and ultimately create good citizens. - \$1,500
- **Document Cameras for the Art Room, Megan Lesser, Marlanda Birns, Emily Binder, Hailey Brown, Marcie Kuhns, Helen Krizan, Susan Hardy, Nancy Nahrgang, Elementary Art, District wide-** Use the document cameras as a resource in the art room to assist with

presenting lessons and giving directions to keep students focused and motivated. The document cameras for the art room would allow for ease in displaying sculptures, for the sharing of images large or small and to help show fine details in artwork, the video recorder would provide the opportunity to record a lesson for a substitute or when directions are repeated for several classes. - \$3,500

- **iMac Computer Learning Station for Fogelsville Elementary's Media Center, Samantha Edwards, Media Specialist, Fogelsville-** An iMac Computer Learning Station will provide students, as well as teachers, with an opportunity to engage in curriculum enhancing, authentic, collaborative, and digital learning experiences. The Media Center's iMac Station will be available for student usage throughout the school day in grades K-5 (approximately 600 students) and will be available for teachers as well. \$1,483
- **Three iPad minis for Learning Support Classroom, Lisa Hoffman, Learning Support, Ironton-** iPad minis for students with special needs in Learning Support and regular classroom, to enhance learning, increase goal attainment, and aid in everyday school routine. Students will be able to more effectively understand their academic and social world at school by using applications on the iPad minis to augment instruction with on-the-spot visual instruction and reinforcement. - \$1,500
- **Ironton News @ Ninish Technology Support, Linda B. McGrath, Technology, Club Advisor, Ironton-** Equipment for research stations for students to create the script for The Ironton Live News @ Ninish. The program is designed so that the News Advisor acts mainly as facilitator and the students take a more active role. All students are required to do their own research and oversee the copy into the teleprompter. Writing news stories is a big part of this class. Accuracy is a must. New equipment will give access to the internet, enable word processing and print results. - \$1,225
- **Veterans Day Program, Judy Kelly and Karen Brokate, Whole School Program, Jaiindl-** Veterans and currently serving men and women of the families and staff of Fred J. Jaiindl Elementary School are invited to attend a Veterans Day program. This program teaches students the history of Veterans Day, our five branches of the U.S. armed forces, patriotic songs, and the importance of honoring these men and women. Those who cannot attend are sent cards made by the students. - \$293
- **Increasing Achievement for English Language Learners (ELL) with ipad Minis, Mary Kelly, K-5, Kernsville-** The project places ipad minis in the hands of classroom teachers so they are able to provide the education and resources that are essential for Parkland's ELLs to maximize their potential and have a positive impact on their communities in the future. These ipad minis create a safe environment encouraging confidence, independence, and risk taking for the ELL. - \$1,500
- **Document Cameras, Rachel Gohman, 4<sup>th</sup> Grade, Kernsville-** Document cameras are equipment that open up more opportunities for students to display their work, demonstrate science processes, learn GoMath games and read text on a larger scale. They are particularly beneficial to the learning support population who learns better through visuals. The camera will be used to enhance learning in all subject areas. - \$2,388
- **Fueling Up at Kernsville II, Amelia Serensits and Lori Seier FSD, Food Service, Kernsville-** The program will get students involved with Kernsville's breakfast and lunch programs, not only during National School Lunch and Breakfast week, but for the entire school year. Research shows eating breakfast improves achievement in math, reading and standardized

test scores, improves behavior, increases attentiveness, promotes better short term memory, decreases tardiness and absences and enhance motivation. - \$800

- **Let's Make a Game of It, Karen Dopera, Whole School, Schnecksville**  
Incorporate Trivia, Wheel of Fortune, \$100,000 pyramid, Are you smarter than a 5th grader?, etc. into lunch room when students are finished eating. A great way to weekly review previously taught standards and vocabulary. - \$380
- **Scholastic Art Magazine Subscription, Hailey Brown, Art Department, Schnecksville-**  
Scholastic Art Magazine is a monthly subscription for kids and art educators, learning about the happenings from past and present in the art world. This grant allows for a one-year subscription to Scholastic Art for 27 copies to enhance lessons with hands on articles and reading. \$193

### **Middle Schools – 13 Grants totaling \$19,248**

- **Heroes and Helpers, Diane Joy Irish, Home & School Visitor / Pupil Services, Orefield Middle School-** The Heroes and Helpers program is a shopping experience between students and uniformed police officers. Students who are experiencing difficulty in their home or family life, or students who have had a great achievement personally or academically are provided with gift cards to do holiday shopping for their family members. The program fosters strong community relationships by pairing students with law enforcement personnel. - \$1,500
- **Hooked On Science, Tom Bryant, 7<sup>th</sup> Grade Science, Orefield Middle School**  
Students will use SPARK units to measure and record data on fish caught in the Environmental Lab pond. Students will simulate the work of real scientists by using cutting edge technology to measure and record data on different fish species caught (and then released) in our Environmental Lab pond. The goal is to also get more students interested in the great outdoors. \$570
- **STEMM-Fast Food 500-Car Robots! Dianne Haberstroh, 7<sup>th</sup> Grade Science, Orefield Middle School-** Students will learn how engineers build and design new technologies in the automobile industry. The design process will be incorporated into 7th grade's Orefield's Fast Food 500, enhancing the project with the robotics engineering technology of Lego Mindstorms. Students will use the design process to build model cars out of food. - \$4,233
- **Olweus Bullying Prevention Program for Middle Schools, Brian Barone and Megan Jenkins, Guidance, Orefield Middle School & Springhouse Middle School-**  
Throughout the year, students at all grade levels will participate in various activities such as participating in Class Chats, Assemblies with Guest Speakers, Take A Stand Tuesdays. The program will raise awareness of the anti-bullying efforts at school and instill a climate of positive social change. - \$3,000
- **Lego Mindstorm Robotics Club, Jennifer Karetsky, 7<sup>th</sup> & 8<sup>th</sup> Grade Science/Math, Springhouse Middle School-** In the classroom and through the creation of a Lego Mindstorm Robotics Club, students will participate in a design-oriented projects that will allow for hands-on engineering and programming. Design-oriented projects are a necessary part of the education process because they allow the student's brain to be creative and utilize processing skill that are not often used in the regular school setting. -\$1,500

- **Document Camera, Linda Keller, 6<sup>th</sup> Grade, Springhouse Middle School-** Purchase of a document camera in order to enhance instruction, improve classroom flexibility (quick response to teachable moments) and save time. The equipment allows for quick response to problem areas by being able to pull up additional resources as needed. - \$431
- **Boogie Board Sync 9.7-Inch LCD eWriter and Case, Rick Clee, Kevin Hallman, Kristin Yudt, 8<sup>th</sup> Grade Math, Springhouse Middle School-** The Boogie Board Sync will allow teachers to rotate throughout the classroom while continuing to solve problems that will appear on the SMART Board. Teachers will no longer need to stay at the front of the class to display concepts and students will benefit due to increased teacher interaction. - \$330
- **Document Camera for Reading and Language Arts, Lindsay Tallarida and Dina Dewald, 6<sup>th</sup> Grade, Springhouse Middle School-** Language Arts teachers are jugglers of vocabulary, grammar, writing, reading, and many other language related skills. Purchasing a document camera, the modern version of the overhead projector, will help in developing more comprehensive writing and reading lessons. This projector will allow students more engagement with direct examples from text to develop strong constructed responses to all genres, as mandated by the Common Core. - \$431
- **Creativity Untethered, Noel Mahmood, 7th Grade Science / Computer Fair, Springhouse Middle School-** In order to create professional quality award-winning projects for Computer Fair, Science Fair, and History Day, both in the classroom and at home, students will be able to use the Adobe Creative Cloud suite of Illustrator and Photoshop to create projects. Students headed into the technical and vocational fields will get a head start on learning by utilizing cutting edge features found only on the Surface Pro 3. - \$1,317
- **Document Camera - The multimedia ZOOM on ELA, Maria Serina, 7th Grade ELA, Springhouse Middle School-** Interactive document cameras allows for the digital capture of instructional items. Granting this equipment will provide students the opportunity to receive more one-on-one and small group time for reading and comprehension strategies and allow for endless access of grammatical structures, the writing process, vocabulary concepts, and literary terms. - \$300
- **The Science of Addiction, Greg Poremba and Lisa Pany, SST, Orefield & Springhouse Middle Schools-** The Weller Health Education Center will present a drug education and prevention program to all 8th grade district students. With the alarming statistics of prescription drug abuse in teens, this program will help to educate our 8th grade students at a critical time in their lives. - \$2,400
- **Document Cameras, Colleen Zeky, 6<sup>th</sup> Grade, Springhouse Middle School-** The purchase of a document camera allows for sharing specific examples of excellent writing techniques from text, whether planned, or during the many “teachable moments” in a day, the document camera allows for flexibility that is not available with the computer-based projector. - \$431
- **MS STEMM Academy, Jason Henry, 6<sup>th</sup>-8<sup>th</sup> Grade, Troxell-** Offering a week long Academy with three different learning pods in the STEMM fields. This camp is designed as an introductory into our STEMM Academy offerings. Students will learn in their pod for the week, but also be exposed to the fields in all the other pods during multiple combine activities. - \$2,805

## **High School – 10 Grants totaling \$19,595**

- **Geometry Alive, Christy Keating, 9<sup>th</sup> & 10<sup>th</sup> Grade Mathematics, Parkland High School**  
The objective of the Geometry Professional Learning Community is to purchase sets of 3D shapes and geometric models for the use of the teachers and students in various classrooms. The main goal emphasizes the importance of hands on instruction to help move students through several levels of geometric understanding and reasoning skills. - \$1,494
- **World Language Week, Kellie O'Donnell, 9<sup>th</sup>-12<sup>th</sup> Grade World Language Department, Parkland High School-** World Language Week celebrates diversity, promotes cultural awareness and language learning, and to increase our student's global knowledge. With Parkland's diverse population it also gives students the opportunity to demonstrate their own cultural pride and teach others about their traditions. - \$1,500
- **Volunteer Firefighter Recruitment, Eric Gopen & Barry Search, 11<sup>th</sup> & 12<sup>th</sup> Grade Science, Parkland High School-** Purchase of materials for "Parkland Fire Academy" which brings together students and local volunteer firefighters to teach students about the science of firefighting. Students experience many practical tests that firefighters go through on a controlled level. - \$1,470
- **Looking Ahead: Career Opportunities in the Lehigh Valley and Beyond, Mary Zeiner and Andrew Walker, 9<sup>th</sup> Grade English and Special Education, Parkland High School** Students will read about people working in various 21st Century careers, conduct research on career clusters, interview local professionals, create a powerpoint presentation and host a Q&A and a reception for their mentors. This authentic project is designed to strengthen the 21st Century skills students need to be productive adults. - \$400
- **Professional Video with the GoPro, John W. Greth Jr., 9<sup>th</sup>-12<sup>th</sup> Grade, Parkland High School-** The project will expose students to the real production value with industry standard compact video recording and placement. Students will work with Film and Television industry standard equipment producing high quality projects for the newly re-imaged Intro into Mass Com, Digital Video, Film and Video Production courses. - \$1,492
- **HoverCam Solo 8 - Splashtop Classroom Bundle & HP Stream 8 Tablet - WWAN 4G, Brian Ding, David Haaf, Math, Parkland High School-** The HoverCam Solo 8 – Splashtop Classroom Bundle allows teachers to view and control their desktop, applications, and the live HoverCam document camera image on the HP Splash tablet from anywhere in the classroom using the Splashtop app. The objective is to integrate the HoverCam into the blended classroom to create video lessons for students to watch independently. - \$1,250
- **Engineering Club VEX Robotics Competition, Robert Yocum, Technology & Engineering, Parkland High School-** The Engineering Club's participation in the VEX Robotics Competition gives students not traditionally involved in competitive activities a chance to experience the excitement of an athletic style complete event. The club has grown from 12 original members to 58 members in 2015 and the grant will be used to develop skills in the classroom to broaden member's ability in engineering and design. - \$2,477
- **French Curriculum Enhancement tools, Nicole Fortner, Kelly Hess, Susan Lobb, Frank Moran, Andrew Reaman, Megan Skumin, French teachers Grades 7-12, Parkland High School-** Students will use the educational games to practice and enhance language learning

skills including reading, speaking and listening components. The activities foster an environment of cooperative learning and to aide in student language acquisition. - \$702

- **AP World Language Speaking Skills, Kristi Szabo, Amanda Holbrook, Kellie O'Donnell, World Languages, Parkland High School-** As part of the AP language and culture exams, students must speak on a variety of topics and for varying lengths of time. The grant includes a class set of handheld digital recorders for more students to practice the spoken language on a regular basis and get feedback from teachers quickly and easily on how they can improve their speaking skills. - \$810
- **High School STEM Academy, Jason Henry, 9<sup>th</sup>-12<sup>th</sup> Grade-** Offering a week long STEM Academy with six different learning pods in the STEM fields. Students will learn in their pod for the week, but also be exposed to the fields in all the other pods during multiple combine activities. Six teachers will service almost 100 students in learning career paths in the STEM field. - \$8,000

### **District Wide – 5 Grants totaling \$11,750**

- **CEI (Continuous Energy Improvement) Program, Dale Reitz - District Energy Champion, District Wide-** This program was piloted at Orefield Middle School, with very good results to date. The 2015-2016 grant begins with each school creating an Energy Team designed to reduce energy consumption in our schools (by 5% to 15%) as well as the dollars associated with those commodities, promote conservation of all sorts and become, in general, better stewards of our environment. - \$3,500
- **Be The Bridge, Diane Joy Irish, Home & School Visitor, District wide**  
Be The Bridge strives to support the non-academic needs of students by providing supplemental food, assistance with homeless families in obtaining stable housing, mentorship opportunities, and increasing knowledge of existing social services. When a student's basic needs are met they are better able to attend school regularly, concentrate on academic demands, and refrain from disruptive behaviors. - \$1,500
- **Rotating Art collection framing, Nancy Nahrgang, Elementary Art Department Chair, Art, District Wide-** Matting and framing for Elementary School artwork to be on display in the Administration building as part of the rotating collection. It will be professionally displayed for all parents and guests who visit the building. - \$1,500
- **Rotating Art collection framing, Kaye Coval, Art, District Wide**  
Each year the art department collects works from the Middle Schools and the High School to be framed, hung and displayed in the Administration building. The pride and accomplishment of getting your art work chosen is tremendous. It will display the very best that we have in Parkland from sixth through twelfth grades. - \$1,500
- **".... because I said I would" Assembly, Deborah Andreoli, District Wide**  
Three assemblies featuring Alex Sheen would be presented--PHS, OMS, SMS. Alex has spoken to audiences around the world on the value of keeping a promise--no matter how big or small--to improve an individual's quality of life for themselves and others. Students will realize the benefits that can be received (intrinsic and extrinsic) that we all can 'make a difference' through our actions. - \$3,750