



2018-19 Innovative Education Grant Recipients

Total Awarded: \$39,174.

Program	School	Recipient(s)	Grant Amount
Innovative Education Grants			
<p>One School, One Book, One Community</p> <p>Each family will be provided an introductory letter explaining the project, a novel and a reading schedule. Families will follow the reading schedule and discuss the chapter assigned with their children. Each morning the principal or designee will present a talking pointed trivia question for homerooms to answer and discuss further. Teachers and families will be provided with extension activities based on their grade level in which they may complete in their language arts classes, special area subject, homerooms, or with their families.</p>	<p>John Beck Elem. Lititz Elem. Kissel Hill Elem. John R. Bonfield Elem.</p>	<p>Colleen Heckman Christine Landis Will Maza Heather Bellows and bldg. teams</p>	<p>\$10,000</p>
<p>STEM Explorers Library: Expanding STEM Opportunities</p> <p>The STEM lending library will be a resource for teachers to supplement lessons in the STEM areas with engaging, hands-on tools which allow students to apply their content area knowledge. Students will be able to implement coding and programming skills from the elementary technology curriculum with problem-based activities and educational robots. Students will be engaged in learning activities which foster the development of the 4 Cs (Communication, Collaboration, Creativity, and Critical Thinking).</p>	<p>John R. Bonfield Elem.</p>	<p>Jason Balsbaugh Jennifer Fry Cathy Dommel Lynn Brubaker</p>	<p>\$2,951</p>

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<p>“What in the World” Career Fair</p> <p>The “What in the World” Career Fair program is a local program that is designed to introduce students to science, technology, engineering, arts and math (STEAM) careers and motivate them to study and stay in school. Presenters from Lancaster County and surrounding areas will explain how they use science, technology, and math in their everyday work life and often will bring equipment/tools to do engaging activities with the students.</p>	John Beck Elem.	Erica Breckenmaker	\$ 390

<p>Science Olympiad</p> <p>Science Olympiad is a nationally recognized science competition focusing on science, technology, and mathematics. There are 23 events that are all based on topics within the gr. 7-9 curriculum that include life science, chemistry, physics, technology, astronomy and earth and space science. The grant will cover costs for building materials (string, pulleys, balsa wood, etc.) lab supplies, registration fees for invitational competitions and disposable supplies (glue, hot glue sticks, etc.).</p>	Warwick MS	Lee Walter Austen Lambert	\$ 600
<p>Top Off My Reading</p> <p>Students participating in this incentive program will be exposed to six (6) reading genres. Students will read books in order to earn patches in six different categories – mystery, poetry, animals, cooking, fairy tales, and history. If they earn all of the patches, they become an all-star reader and earn a star pin.</p>	Kissel Hill Elem.	Yvonne Engroff Dena Cascarino Elizabeth Smith	\$ 850
<p>Polarizing Microscopes</p> <p>Using the four requested microscopes, students will be able to discover and analyze microscopic properties of rocks and minerals. Students will discuss how the rock cycle affects rocks on the molecular level such as how various minerals form at different temperatures. Students will also be exposed to what petrologists are doing in lab settings.</p>	Warwick HS	Sarah Martens William Bond	\$2,851
<p>CNC – PCB Design</p> <p>This grant will enable students to learn modern electrical engineering and manufacturing processes through experiences with a CNC milling machine. Students will have the opportunity to design, program and produce high-quality Printed Circuit Boards helping to reinforce and extend curricular-based STEM principles.</p>	Warwick HS	Martin D. Meier Jeff DuBosq	\$2,549

<p>Geometer's Sketchpad Application Software</p> <p>The purpose is to provide a hands-on, discovery-based learning tool for students. This tool enhances learning by incorporating the 4 Cs into geometry instruction. Students will practice Critical Thinking ,Creativity, Collaboration and Communication in order to solve proposed problems.</p>	<p>Warwick HS</p>	<p>Brittany Keifer Lauren Sangrey Mike Neuman Emily Diem</p>	<p>\$3,000</p>
<p>Global Read Aloud</p> <p>Students and teachers globally will read the same book and connect through a variety of methods (technology as well as traditional) during a six week period of time. Students will make global connections (Skype, Padlet, Twitter, Edmodo, Google, etc.) while navigating PA English Language Standards. Students will have the opportunity to participate in a global project with other classrooms. The grant will cover the materials needed to communicate with students and teachers within or outside of the United States, as well as two classroom sets of the selected book.</p>	<p>John R. Bonfield Elem.</p>	<p>Jeannine Walker Cathy Dommel Meghan Young</p>	<p>\$1,200</p>
<p>Fuming for the Right Reasons in Science</p> <p>The goal of this project is to increase the fume hood capacity in each room by using a mobile fume hood. As the science department focuses on increasing Science, Technology, Engineering, and Mathematics (STEM) projects, the more advanced projects often require working with more hazardous substances which require a fume hood to keep the students safe.</p>	<p>Warwick HS</p>	<p>Doug Balmer Dianna Griffiths Ray Mount Beth Lynch</p>	<p>\$3,000</p>

<p>The Land of Can</p> <p>A kickoff assembly featuring the author, JJ Vulopas, of the book, “The Land of Not,” will initiate the Land of Can philosophy. The Land of Can promotes a culture of “Care.” Students will adopt a “Can Constitution.” A Land of Can wall map, and removable “I Am... I Can...” stickers will proudly display every students’ “I Can” strengths. Using the Land of Can book and lesson plan, instruction will be implemented across all homerooms at the start of the school year.</p>	<p>John Beck Elem.</p>	<p>Colleen Heckman & Character Building Committee</p>	<p>\$ 630</p>
<p>Mindfulness Coaching</p> <p>The special education teacher has researched a mindfulness program for schools called Mindful Life. She will complete the program training in order that she can work with students on the program’s “weekly wellness” lessons. The program will be used in combination with some of the sensory equipment in the classroom. Some additional equipment (stability balls, yoga mats and a platform swing) will also be purchased.</p>	<p>Kissel Hill Elem.</p>	<p>Stephanie Baxter</p>	<p>\$ 600</p>
<p>Raz Kids</p> <p>Raz-Kids offers digitally delivered books and comprehension quizzes that allow students to practice and improve their fluency and comprehension anytime, anywhere. Resources include Leveled Books, quizzes, Alphabet Books, Decodable Books, High-Frequency Word Books, and reports to track student activity, progress, and skill mastery.</p>	<p>Kissel Hill Elem. John Beck Elem. Lititz Elem. John R. Bonfield Elem.</p>	<p>Joanna Sheckert & Katie Mansey - KH Crystal Harnick – JB Gwen Wenger - LE Amy Henschel - JRB & teams</p>	<p>\$1,700</p>