

# HHEF Innovative Learning Grants for 2011/2012

All grants will be implemented in the  
Hatboro-Horsham School District classrooms as follows:

Grant Application:	School, Staff, Category:	Grant Overview:
<b>Engage and Respond</b>	All Elementary (K-5) Amy Roslevege Hands-on Math & Science	The purchase of SMART (Self-Monitoring Analysis and Reporting Tool) Interactive Response System computer software for all K-5 classrooms, including special education students, that will allow teachers to create quizzes and get instant feedback on the students' understanding of the material presented. If students think they understand the concept, but their responses indicate otherwise, teachers can immediately correct any misconceptions and re-quiz to determine if the students have grasped the material.
<b>Boards without Barriers</b>	High School (9-12) Ken Trautwein Hands-on Math & Science	The purchase of a Tablet PC and interactive projector for use in physics and earth science-based classes at Hatboro-Horsham High School. Replacing whiteboards, the equipment provides a much larger display area, removes barriers presented by the height of the user or position of the viewer in the room, and allows the teacher to move about the room, interacting with students at their desks instead of having to stand at a screen in the front of the room.
<b>Hatboro-Horsham Robotics Program</b>	High School (9-12) Eric Zygmunt Hands-on Math & Science	Funding for materials for the Hatboro-Horsham High School robotics team which each year, using advanced math and physics skills - and with the help of its corporate sponsors and mentors - designs and builds a 120-pound robot which competes against robots from around the world. The team participates in the FIRST (For Inspiration and Recognition in Science and Technology) program.
<b>Video conferencing: A Window to Learning Around the World</b>	Crooked Billet (K-5) Kári Hill Media Literacy	The purchase of videoconferencing equipment for Crooked Billet Elementary schools that will allow students to interact with students at other Hatboro-Horsham schools, as well as their counterparts from diverse communities and backgrounds across the nation and the world. Last year HHEF funded the purchase of videoconferencing equipment for Hallowell and Blair Mill elementary schools through an Innovative Learning Grant.
<b>Elementary Global Perspectives</b>	Pennypack (K-5) Carmela Curatola Knowles Media Literacy	The purchase of videoconferencing equipment for Pennypack Elementary School, allowing students to participate in different video conferences - either locally or around the world - supporting their curriculum. The equipment will provide the ability to bridge several locations together and to show data (Powerpoints, etc.) across the video conference to other participants. The opportunity for students to share their customs and culture in the form of favorite foods, sports, their community and their school with students from other countries is an example of a 21st Century Learning Environment suggested by the Partnership for 21st Century skills.

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<b>Reading Through Time:</b> <b>Gary Lloyd</b>	Blair Mill (K-5) Jennifer O'Leary Guest Professional	Funding for a reading incentive program at Blair Mill Elementary School that encourages students to read for one million minutes, with opportunities to examine literature about different time periods through audio books. Includes a visit from Gary Lloyd, an award winning storyteller and member of the National Storytelling Network. In conjunction with the social studies curriculum, the program will utilize a document camera to display artifacts from history, including the school's time capsule. To capture life at Blair Mill in 2012, student writing pieces will be bound in a book and placed in a new school time capsule to be opened in 20 years. A copy also will be placed in the school library.
<b>Core Flexible Research Centers</b>	Blair Mill (3,4,5) Carmela Curatola Knowles Jennifer O'Leary Media Literacy	The purchase of computer mini tablets for use in grades 3,4 and 5 at Blair Mill Elementary School, giving students instant access to library e-books, the ability to research information, take notes, as well as highlight text and have it read aloud if needed for comprehension. Also can be used for outdoor observation projects at the Jarrett Nature Center, the district's "outdoor classroom."
<b>Hatboro-Horsham Presents</b>	Hatboro-Horsham High School (9-12) Susan Fox Media Literacy	The purchase of large monitors with speakers to enhance the presentation/communication skills of students at Hatboro-Horsham High School. Through use of the equipment, students will gain the confidence they need to make effective presentations in the classroom, in post-secondary learning environments, on the job and in their communities.
<b>Interactive Learning for Students with Special Needs</b>	Simmons (K-5) Kathryn Hylinski Media Literacy	The purchase of iPads for use by special needs students at Simmons Elementary School. This project will provide the students, particularly those in life skills classes, to further develop academic, fine motor, and speech and language skills with an interactive approach. It is meant to encourage the students to become engrossed in technology and learn by using a hands-on and visual format within the classrooms, speech rooms, and occupational therapy rooms.
<b>"The Leader in Me" - Continuing Greatness through Electronic Resources</b>	All Elementary (K-5) Steve Glaize Media Literacy	Continuation of funding to give students and teachers in all the district's elementary schools access to web-based resources dealing with "The Leader in Me" themes presented in district workshops in 2009 by Sean Covey, author of "The 7 Habits of Happy Kids," and "The 7 Habits of Highly Effective Teens," (also funded by HHEF) and Muriel Summers, principal of A.B. Combs Elementary School in Raleigh, North Carolina, who put Covey's principles into action in her school. Students will be encouraged to use these resources to set goals, track individual progress, develop deep understandings of content, and work collaboratively with others.
<b>iPads: Launching Collaboration and Learning</b>	Crooked Billet & Simmons (K-5) Kári Hill & Karen Kanter Hands-on Math & Science	Purchase of iPads for use by students at Crooked Billet and Simmons elementary schools. Using the devices for interdisciplinary projects will allow students to access, analyze, evaluate and communicate information and messages in a variety of formats, utilizing multi-sensory approaches.

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<p><b>Electronic Data Notebooks</b></p>	<p>Hallowell, Grades 3,5 Steve Glaize Media Literacy</p>	<p>Purchase of electronic data notebooks for use by students in grades 3 and 5 at Hallowell Elementary School for activities related to "The Leader in Me" - developing student leaders and 21st Century Skills. The students now use hardcopy data notebooks making it difficult for them to continually update their information and review progress in key academic areas. They also will use the notebooks for an outdoor observation project.</p>
<p><b>"Two of a Kind" Songwriting to Support Student Leadership</b></p>	<p>Hallowell, Blair Mill, Pennypack, Crooked Billet (3,4) Steve Glaize Guest Professional</p>	<p>Funding for artist-in-residence presentations at Hallowell, Blair Mill, Pennypack and Crooked Billet elementary schools by the music duo "Two of a Kind." (A similar program this year at Simmons Elementary School was funded by the school's home and school association). Through a group creative process, third and fourth-grade students will learn about cooperation, creativity, compromise, and accomplishment as well as specific skills and information related to songwriting - both lyrics and music - including brainstorming, organizing, analyzing, editing and critiquing. The students will write songs around the theme of student leadership and "The 7 Habits of Happy Kids."</p>