



BHS FOUNDATION

Engaging Students
Empowering Educators
Enriching Community

Winter 2014 Mini-Grants

www.bloomfield.org/Foundation

Green Screen Studio, Amy C. Kiesel, East Hills Middle

Purpose: To expand a student's ability to communicate their understanding in creative and personalized ways. Gone are the days of the dioramas! Students create video presentations that place them anywhere in the world.

Equipment: A Green Screen Kit and App, a tri-pod mount for an iPad, an external microphone and a microphone camera connection.

Look What I Can Makey Makey, Marnie Diem, Conant Elementary

Purpose: To expose students to programming and coding using the Makey Makey invention kit to create controllers.

Equipment: HP Chromebooks and Makey Makey Kits.

Smarter Music with Smart Music, Ryan Quinn & Kendra Peterson, Way, Eastover & Conant Elementary Schools

Purpose: To enhance classroom music programs and dramatically improve skills through the use of an interactive computer program, SmartMusic.

Equipment: iPads, iPad cases and SmartMusic Subscriptions.

SOAR ! (Summer of Awesome Reading), Shelley Lazarus, Eastover Elementary

Purpose: To involve 75% or more students in a summer reading program in an effort to maintain or improve reading levels during the 2014 summer break.

Equipment: eReaders, eBooks and incentive prizes.

Piano Lab, Kate Philp, Lone Pine Elementary

Purpose: To develop the foundation and skills required to play a musical instrument while encouraging students to be active music makers and creators.

Equipment: Piano Keyboard, IOS Devices, Keyboard Stands and Power Adaptors.

The Learning Carpet, Angela Parker, Conant Elementary

Purpose: To promote brain-based learning using the Learning Carpet and its cards and games which incorporate movement, laughing, experimenting, discovering and sharing.

Equipment: An Educational Play Carpet.

Apps for Life, Rebecca Swain, P.R.E.P.

Purpose: To learn to use Apps that assist with daily living activities and increase independence.

Equipment: iPads and cases.

MathMosis, 3rd Grade Teachers, Conant Elementary

Purpose: To facilitate memorization and long-term integration of math facts through formats which incorporate music, movement, drama, language, rhythm and chants.

Equipment: MathMosis Counting Systems.

Communicaton iPad, Cindy Seguin, Wing Lake

Purpose: To offer adaptive communication opportunities for students in wheelchairs.

Equipment: iPad

Kid-Friendly Digital Camera Set, Eastover Elementary

Purpose: To creating meaningful, engaging, creative and interactive learning opportunities through the use of digital photography.

Equipment: Discovery Kids Digital Cameras

Using Children's Literature to Reinforce Mathematical Concepts, Margaret Cantwell and Jennifer Flowers, Eastover Elementary

Purpose: To connect mathematical concepts and language to everyday practicalities.

Equipment: Marilyn Burns Classroom Math Library

3-D Printer, Eastover Elementary

Purpose: To solve problems in the physical world using a 3D printer. Students use math, measurement and scaling skills to create designs.

Equipment: MakerBot Replicator 2 (3D printer)

7th Grade Weather Station, Karen Childers, Bloomfield Hills Middle

Purpose: To study environmental science through a year-long analysis of weather patterns. Learning concepts include managing and reading data charts and graphs, and sharing data with the community.

Equipment: Wireless weather station and WeatherLink program.

Differentiating Instruction through Teacher Created Videos, 9th Math Teachers, BHHS

Purpose: To create a catalog of videos that supplement classroom instruction. Video lessons are a helpful resource for students. Students can use the videos both in and outside of the classroom.

Equipment: Laptop/tablet combination units and Chromebooks to use with math software such as Geogebra and Desmos.

Sow the Word: Perennial Writing Garden, Kari Griesbeck, BHHS

Purpose: To establish and maintain a perennial garden that can take root with the new high school. The garden will teach students about the legacy of garden space and the tradition of using perennial gardens as a meditative and inspirational place in which to write both fiction and non-fiction.

Equipment: Soil, mulch, plants and gardening equipment.