

IDEA LAB 2016

SCHOOL	RECIPIENT	IDEA
BHS	Jake Barrett, Special Education	Provide funds for 6 under desk cycles for use in a special education physics class where over 50% of the students are on an IEP.
Pierce	Ben Conlon, 4 th grade	Funds will purchase a build-your-own go-kart kit and solar batteries that will then be built in the 4th grade classroom, utilizing design, engineering and science skills.
Driscoll	Heidi Cook, Principal	BEF funds will provide stipends for 10 teachers to establish a morning mentoring program for 10 students for the remainder of the school year.
Heath	Chari Dalsheim, 2nd grade	These funds will purchase materials and instruction for making hoola hoops in her second grade classroom. Involves math, design, physics, and fun!
Runkle	Teresa Gallo-Toth, Librarian	Funds will purchase a Google Home device for the Sleeper Library. This tool, plus a subscription to Google Play, will expose users to voice search technology and add dimension to the library experience.
Heath	Tanya Gregoire & Matt Rosenthal, Enrichment and Challenge Support	This grant will provide funds to purchase the supplies needed to do a ECS unit on designing and making wearable technology in the 5th grade classroom.
Pierce	Alison Hansel, Math Specialist	BEF will provide funds to purchase 50 copies of All American Boys (to be matched by the district) so that every adult in Pierce School can extend their work on the difficult conversations around race in Brookline.
Lincoln	Erica Joyce, 6th Grade and Special Education	Funds will purchase 10 wobble stools (5 regular and 5 teen size), 2 inflatable foot steppers, and 5 rocking foot steppers for middle school Social Studies classrooms. The idea is to make the kids more comfortable and normalize these tools in standard classrooms
Devotion	Daniel Lipton, 2nd Grade	BEF funds will purchase Finale composition software for use in the classroom and in the music departments. The software will record the notes played by a keyboard so that music scores can be provided to the participants.
Pierce	Alison Manion, K-2 Music	The idea is to be able to live stream music classes and performances to parents that are unable to attend and create connection with other classrooms. The funds will purchase an Encoder that will extend existing cameras to allow live streaming.
BHS	Summer Williams, Performing Arts	For the Spring Play, BHS will put on a collection of one minute plays written by over 70 playwrights from across the country that are inspired by the current Civil Rights Movement. BEF funds will allow the productions to be FREE to the community. Recipient of the Innovation Award.

IDEA LAB 2015

SCHOOL	RECIPIENT	IDEA
Lawrence	Kirsten Alper, Tech Specialist	Purchase a 3D printer for use in student driven design and engineering projects for the betterment of the Lawrence community.
Pierce	Ben Conlon, 4 th grade	Purchase a 3D printer for use in the classroom to enhance science, math and engineering projects.
Upper Devo	Norma Gordon, Upper Devo Math Specialist	Purchase two Swivl robotic stands and microphones to facilitate videotaping for Instructional Coaching.
Baker	Meredith Hall, Visual Arts 5-8	Purchase 2 Ipads to facilitate creation of QR codes that link to student artist statements for the Baker Art Gallery.
Pierce	Alison Hansel, Math Specialist 3-6	Purchase 12 Rubik's Cubes and instructional curriculum for use with students receiving math support in grade 6. Promotes problem solving and mindset.
Lincoln	Annmarie Mazzocchi and Deb Abner, Tech. Specialist K-8 and Librarian	Purchase Little Bits and Arduino system for use with middle school students and expand STEAM project based learning.
Lincoln	Jan Preheim, Grade 5	Introduce Hack Week into the 5 th Grade science unit. This will allow students to design and engineer self directed projects.
Lincoln	Elyse Purbaugh, Literary Specialist K-1	Provide the Kindergarten team with Educational Software for Guided Instruction to improve early literacy testing.
Baker	Laura Richardson and Christine Bates, 1st Grade	Two teachers will attend a workshop in NYC to learn more about plant based projects for their classrooms.
Pierce	Sandra Sicard, Technology Specialist K-8	Purchase two sets of Dash and Dot robots for use with 1 st graders to introduce programming.
Heath	Lauren Stewart and Mark Goldner, PE and 7-8 Science	Purchase energy generating jump ropes which would allow 8 th grade students to study their energy projection in the energy science unit. <i>Recipient of the Innovation Catalyst Award!</i>
Driscoll	Bob Thomas, Technology Specialist	Purchase 50 affordable educational robots for use in 5 th grade programming and 7 and 8 th grade independent study during advisory blocks.
BHS	Ed Wiser, 9 th Grade Science	Funds will help the Innovation Club complete their award winning design of an air quality monitor to gather data from around the world.

IDEA LAB 2014

SCHOOL	RECIPIENT	IDEA
BEEP @ Beacon	Garnet Foley	Use iTouches to make songs and stories easily accessible to preschool age children. A tape converter will allow conversion of materials currently on tapes to be used on iTouches.
Devotion	Erica Mahoney, Speech Pathology	Use iPad and apps to develop students' narrative language skills and attend conference focused on integrating technology tools to develop narrative skills.
Heath/Runkle	Rachel Hayashi, Literacy Coach	Establish a District video library for teaching and learning for middle school Literacy Collaborative professional development. Create archive videos of teachers modeling best practices and of lessons for students.
BHS	Amy Bayer, Opportunity for Change	Develop competency-based program for Opportunity for Change students so they can work at their own level and advance, based on demonstrated skills and content knowledge.
BHS	Matthew Webb, Eli Williams, Latin	Enable students to work collaboratively on publication of translations of Latin texts. Facilitate differentiated instruction in multi-levelled language classes.
Baker	Sheila Juang, 7/8 Math	Provide equipment to allow the 7/8 th grade team to control laptops and document cameras remotely, allowing freedom of movement about the classroom and better student contact.
Driscoll	Angela Harvey, 2 nd Grade	Establish 2 nd grade unit involving a positive growth mindset (based on Carol Dwyer's book <i>Mindset</i>).
Pierce	Carol Sepkowski, Gayle Can Hatten, Guidance, Psychologist	Work with 4 th grade students on relaxation techniques and identify students at greatest risk for stress and anxiety to work with in small groups, using EmWave 2 for biofeedback.
Heath	Lauren Stewart, Mark Whitman, PE	Provide equipment for 7/8 grade and kindergarten video portfolios to record growth in fitness and skills.
Driscoll	Heidi Cook, Principal	Pilot "Mindset Work and Brainology" for middle school students to increase achievement. "Brainology" is based on the theory that learning about relevant neuroscience along with study skills sparks a passion for learning.
Driscoll	Francesca Stark, 5 th Grade	Enable 5 th grade students to record interviews for radio podcasts.
Baker	Maureen Meyers, Music	Assess student sight-reading ability and help individualize instruction through the use of digital recorders.
BHS	Jorge Membreno, Health	Peer Leadership students planned, organized, and hosted a festival for BHS and 8 th grade students in May 2015 to help demystify the high school

experience for incoming freshmen. Peer Leadership students produced 4 public service announcements about various aspects of a healthy life of a high school students.

IDEA LAB 2013

SCHOOL	RECIPIENT	IDEA
Lincoln	MaryAnn Biele, OT, Adaptive Learning Center (K-2)	Engage students with severe learning challenges in learning pre-academic skills with light panels and manipulative kit, piloting how light panels might engage and help students focus.
Driscoll	Michael Blanchard, PE Teacher	Using iPads, demonstrate for ELL students (who may have difficulty understanding oral instructions) movements required for PE activities. iPads also may be used to record student movements and with Polar Heart monitors to help students monitor their own progress.
Heath	Alex Borns-Weil, Literacy Specialist	Improve students' "argumentative" writing through Columbia Teacher's College writing conference.
Driscoll	Larry Chen, 7 th /8 th Grade Social Studies teacher Jesse Kirdhay, 5 th grade teacher	Utilizing "Minecraft" software licenses, students will explore the formation of communities, create civilizations, investigate what ancient civilizations looked like, and engage use of math concepts. (Available to entire school.)
BHS	Sam Dickerman, Social Studies teacher	Aid understanding of texts, and use polls, quizzes and other interactive functions through the use of Subtext software.
Pierce	Amanda Grindstaff & Casey O'Keefe, PE teachers	Video students' movements, demonstrate proper technique, record student data in real time, implement Polar Heart monitors, and utilize the many PE apps available with the use of iPads.
Baker	Kathleen Hubbard, Math Specialist	Building on past Baker Idea Lab grants, help ELL students understand mathematical concepts, assess and teach progress, and confer with colleagues using iPads.
Districtwide	Teddi Jacobs, K-12 PE Coordinator	Teach teachers how to implement Polar Heart monitors that display student heart rates via wireless transmission, providing information to students about what they can do to regulate their heart rates.
BHS	Kristina Jankowski, BHS Video Production	Create and develop, with student interns, a BHS video production program. This new student enterprise would be in conjunction with BATV.
Pierce	Kerrilynn McCarthy, 7 th /8 th Grade Special	Help students improve reading through the use of Kindle Fires. Devices can be used to access

	Education Teacher	appropriate textbooks and other school reading.
Baker	Nathan Melbourne, 6 th /7 th Grade Math Teacher, Yasameen Sharif, 6 th /7 th grade Science Teacher	Building on prior Baker School Idea Lab grants, connect classrooms to home/parents, collect data, and share with other 6 th /7 th grade team in new ways to further “flipped classroom” through the use of iPads.
Driscoll	Amy Neele, Librarian	Allow students access to audiobooks through the use of four iTouch devices and four Dream Reader apps. Builds upon BEF e-library adding audio access.
Lincoln	Jan Preheim, 5 th Grade Teacher	Assist students in exploring ideas of their choosing utilizing “FedEx/Google” innovation and research tools, models, and materials.
Driscoll	Lisa Soltani, 6 th Grade Math Teacher	Provide challenging math activities to students through enrollment in Math Olympiad competition.
Heath	Lauren Stewardt & Katie Goldring, PE Teachers	Video students’ movements, demonstrate proper technique, record student data in real time, implement Polar Heart monitors, and utilize Xavix equipment to give injured students ways to participate through exer-gaming activities with iPads. (Expands on ideas implemented last year.)
BHS	Mark VanDerzee, BHS Performing Arts	Modernize stagecraft at BHS for plays, musicals, concerts, etc. by hiring consultants to train staff and students in the use of new software to improve lighting, sound, and construction technology.
Pierce	Elizabeth Willis, Literacy Specialist	Provide students with physioball chairs to aid in focusing students in reading.
Districtwide	Karen Wolfson	Develop online math concept tutorials created by students for students to access online. To be funded via the BEF’s Jay Kochi Fund.

IDEA LAB 2012

SCHOOL	RECIPIENT	IDEA
Pierce/ Lincoln	Andrea O’Donnell, Literacy Specialist	Use iPads as a means to help students with reading and writing
Driscoll	Ann Pettrone, 4 th Grade	Utilize analog clocks to work with Driscoll teachers in applying strategies to help students with executive function issues
Lawrence	Anu Advani, Math Specialist	Assist kindergarteners with math concepts through the use of iPads.
Lincoln	Audra Francisco	Working with students as a speech and language

		pathologist using iPads
Driscoll	Bob Thomas, IT, Marianne Taylor, Art, Amy Neale, Librarian	Use iPod Touches for a 7 th grade media literacy unit to provide an opportunity for students to explore the use advertisements outside the school setting
Lincoln	Caitlin Rogers, Learning Center	Assist special education students in Learning Center activities using iPad minis
BHS	Ed Wisner, Physics teacher, Curriculum Coordinator for science	Create a weather balloon project with Physics students using a weather ballon, helium tank and an iPhone
Lincoln	Gretchen Thompson, ESL	Utilize iPads to assist ESL students
Lincoln	Kathleen Conti, 7/8 th English	Help middle school students in need of improved reading skill using 4 Kindle Fire devices
Lynch Center	Latrishia Lamanna Szoke	Assist preschool students with speech and language with the use of iPad minis
Heath	Lauren Stewart, Kate Goldring, PE	Enhance PE instruction and further a past BEF SPARK grant with the use of InFocus INI16, speakers, and other technical equipment
Lincoln	Leah McGowan	Use iPads to work with K-3 learning center students
BHS	Lisa Francescan, Rob Primmer, English Department	Experiment with bamboo tablets with stylus pens to facilitate providing written comments on digital essays and papers
Lincoln	Lisa Ziegler-Chamblee, Special Education	Work with special education students using iPads
Lincoln	Maggie Nichols Canniff, Kindergarten, Sarah Maxwell, 2 nd Grade, Jeff LaBroad, 4 th Grade, Corey Clifford, 6 th Grade	Attendance at “Power Up: Connecting Technology to Today’s Learners” conference
Baker	Mary Brown, Principal	Extend ability to utilize flipped classroom format for 7 th and 8 th grades by using Cantasia software
Baker	Matt Picard	Use iPad minis for guided reading assessments, in order to aggregate the data and share with other teachers
Lincoln	Pam Redlener, Literacy Specialist	Assist students in literacy with the use of iPads
BHS	Shelley Mains, Librarian	Create “Appy Hour” with the use of iPod Touches, an iPad mini and purchasing apps with an iTunes gift card
Runkle	Teresa Gallo-Toth, Librarian	Introducing an eLibrary program at Runkle
Lincoln	Zarah Gupta, Speech	Assist students with speech and language issues

and Language
Pathologist

through the use of iPads