HOMEGROWN TECHNOLOGY CONFERENCE | 03.12 2016

March 12th **2016**
Workshop Descriptions

Barnstable will host its 7th annual technology conference. Sessions will be held at the Barnstable Intermediate School. Workshops are offered on a wide variety of topics. Registration is open to employees of Barnstable Public Schools. Registration opens February 26th and closes March 8th. Please register online at [SmartEDU](#).

Check In	8:30 - 9:00	Coffee, BIS Lobby
Session I	9:00 - 12:00	BIS
Lunch	12:00 - 1:00	Please bring your own Lunch
	12:30 -1:00	Check in for those only attending in the afternoon, BIS Lobby
Session 2	1:00 - 4:00	BIS

Please read the descriptions carefully noting the target audience. Some sessions will require you to bring your own device, (BYOD). Your session facilitator will send a confirmation email a few days before with location and further details.

Full Day Sessions 9:00-4:00

3D Design in Sketchup
Jess Linehan
Target: Grades 4-7

The morning introduces participants to Sketchup- a 3D modeling program. We focus on 3D drawing and editing tools needed to construct basic models of anything from landforms to simple inventions and molecules. The possibilities for connecting math and science are endless. The afternoon focuses on planning and implementing a future Sketchup project in your classroom.

Individualize Learning with Technology
Deb Thonus
Target: Grades 4-7

Meeting the diverse needs of our students becomes easier and more dynamic through the integration of technology resources and tools to teach and to conduct formative/summative assessments. This workshop will focus on utilizing the Discovery Education Student Center, DE Builder tools (writing prompt builder, quiz builder, assignment builder, Board Builder), Google Drive apps for content creation and collaboration, Google Classroom, Kahn Academy, free screen casting tools, and several other web tools to dig deeper into

the curriculum, flip lessons, and to provide varied ways for students to demonstrate their learning. Differentiation is accomplished by customizing quizzes, video lessons, and assignments to address targeted skills for individuals and large or small groups giving students access to the curriculum 24/7. Also, you will be able to teach students how to create content to demonstrate their learning in dynamic and engaging ways.

Morning Sessions 9:00 – 12:00

Sheltered English Immersion (SEI) for Non-Core Educators
Kathy Astrauckas
Target: Non-Core Educators K-12
Kick Off Session

This course is intended to satisfy the 15 PDPs needed for license renewal for non-core educators. It will present an overview of second language acquisition and acculturation along with strategies for teaching and working with ELs. This is a <u>Kick Off Session</u> there will be an additional 12 hrs of learning that will be predominantly online work and discussion. For additional information please contact Kathy Astrauckas

iMovie for iPhone and iPad
Jim Gilbert/Noreen Jones
Target: Educators and Administrators

Learn how to shoot, edit and publish compelling video content from your iPhone or iPad. We may have time to investigate other Android and Apps for video publishing

How Learning Code Teaches You to Think
Maura Bussiere
Target: Anyone working with Kids!

Barnstable Public Schools has implemented a computer science curriculum at the elementary level that is teaching coding skills to our K-5 students. See how integrating code into lesson is a fun wat to introduce computational and critical thinking; and how it teaches persistence, resilience and collaboration among students. We will explore several simple, free and fun methods of teaching code including: code.org, Scratch and others.

Formative Assessment Tools
Kristin Cannistraro
Target: Classroom and Special Needs Educators

Come explore various apps and websites that can be used to complete formative assessments during pre, mid and post lesson. Many of which can be used to help support MTSS, by providing data showing your students understand and their progress throughout the lesson.
Some tools to be explored are: Socrative, Kahoot, Polleverywhere, Bitsboard, and Zaption to name a few.

Keeping Safe Online
Shawn Wenzel
Target: Everyone

Got spam, suffering from viruses? This session will cover many aspects of information security and will help the user to be more security conscious when they are online. Some of the topics to be covered: Email Security, Computer and Network security, Mobile Device Security, Physical Security in the Workplace, Looking out for Social Engineering.

Spring Cleaning Your Digital Life: GroupWise, Google Drive and More
Tracy Alto/Sally Johnson
Target: Staff wanting to organize their digital life

Let's "Spring Clean" together! This is a hands-on workshop where staff will use some of the tools and software provided by the BPS district to organize their digital work flow. Topics will include sorting and organizing email in GroupWise, organizing documents and folders in Google Drive or Filr, optimizing your workflow to keep your email inbox under control, and moving files from your computer's hard drive to a network drive or cloud storage. Optional topics might include keeping up with Windows Updates, sorting links in a web browser and deleting history, uninstalling programs no longer need, and improving password security.

Using iPads in the Classroom: Pushing the Boundaries of the Traditional Classroom
Kathy Duran
Target: Teachers and Paraprofessionals Grades K-5

Learn to implement iPads across the curriculum to meet the Common Core Standards. Inspire your students to create, work collaboratively, and share their knowledge. Integration of Productivity Apps into your standard based lessons will invite you to view the iPad as both a cognitive tool that promotes higher-level thinking, and as a multimedia assessment tool. You will be able to create an iBook! Explore the process in a relaxing setting. Take the love of learning home with you!

X2 Fundamental Essentials
Jodi Marini
Target: All X2 Users

If you ever wondered what those buttons were for in X2 or how to search for information or wished you knew some shortcuts and tips, this course/workshop might be for you. This workshop is designed to walk you through some of the fundamental functionality X2 has to offer. It will teach you how to change how you view your List Pages, look up information to limit the list to the information you want to see, sort the information and print or save that information. Users will be able to create their own field sets, run queries and set up query filters.

This is a hands on workshop taught in a training environment so you can test your abilities without the worry of making mistakes. Hand outs will be provided however please bring something to take notes with.

Objectives:

- Manage Field Sets
- Understand the differences among filters, snapshots and queries
- Create snapshots
- Create simple queries
- Manage filters
- Use the sort button
- Print or save a file using Quick Print
- Learn some tips and shortcuts

BHS Google Academy
Bethann Orr/ Beth Knittle
BHS Staff – Registration is now closed

The District Ed Tech team is looking for 30 adventurous BHS teachers to join our BHS Google Academy. Cadets will embark on a journey exploring Chromebooks, Google apps and Google Classroom and a variety of Chrome extensions and Add-Ons. This is the Kick Off Session of a 45 hr PD opportunity consisting of Face to Face and online learning. Registration is now closed for this session.

Afternoon Sessions 1:00 – 4:00

Pinterest for Classroom Organization
Christine Spence-Dilley
Target: Everyone
It's more than just pretty pictures. Find out how you can explore Pinterest for classroom activities and organize them into folders for easier access. We will explore how you can use some of the lessons in your classroom; walk you through sample lessons in: English, Math, Reading & Science.

Assessment Face Lift
Kim White
Target: All teachers; specifically helpful for intermediate and high school
Creating and correcting formative and <u>summative</u> assessments can be time consuming and at times overwhelming. Come and learn how to quickly transform current assessments which will provide valuable data for teachers and feedback for students available in minutes. Bring your current assessments and leave with transformed assessments you can use the next day with your students.

Creative Ways to Enhance Your Instruction
Alice Witmer
Target: Everyone
What do a talking candy bar, a comic strip, and a game have to do with education? Learn how to enhance your lessons with Make Belief Comics, YAKit Kids, Tellagami, and TinyTap. These apps are easy to use and won't leave you feeling overwhelmed. Come have some fun and create something new! (Your students could use these apps as well, but you might want to save the fun for yourself!)

Ultimate Novell!
Shawn Wenzel
Target: Everyone
This will be a demonstration and hands on session using all of the Novell products at BPS. This will cover Novell GroupWise, the Novell file system, Novell Filr, etc. We answer any questions about using the basic to advanced features of these tools.

Using Google Classroom and Remind app for College Ready students
Martha Swindler
Target: Grades 4-12

We will cover the basics of Google Classroom-how to set up the class, add assignments and announcements, how to correct and return work to students, how to use it for group projects and "forms" for the quiz aspect of Google Classroom. Also explore how "Remind" works and how to best use it for announcements and "chat" as well. Using these two can help teachers stay in touch with students and shows them how to use online programs for when they attend college.

Schoology
Beth Knittle
Target: Admin and Teachers – primarily grades 8-12

Schoology was fully rolled out to BHS this school year and it has been widely embraced by BHS staff. If you are just starting out and need "just the facts" or are ready for the "bells and whistles" come and explore the possible applications to your courses. Course setup, communication, materials sharing, assignments, class discussions, badges and assessments will be visited.

X2 Enrollment Essentials (New Student Registration/Withdrawals/Transfers/Status Change)
Jodi Marini
Target: Registrars, Guidance Staff, School Administrative Assistants

New student registration in X2 is the epicenter for Barnstable School District. With links to emergency notification systems, State reporting and internal student development data it is more and more critical to enter this information correctly during the initial entry. The Student Registration wizard in Aspen makes it easy to enter and manage this data, such as home address and emergency contacts, for new students enrolling in your district. Upon completion of this lesson, you will be able to register students in your district and enter their demographic and emergency contact information, know how to withdraw a student from your district, and transfer a student to another school within your district and will be able to manage student enrollment statuses, as well as group and program membership.

This is a hands on workshop taught in a training environment so you can test your abilities without the worry of making mistakes. Hand outs will be provided however please bring something to take notes with.

Objectives:
- Use the Student Registration wizard
- Re-enroll a former student
- Enroll siblings
- Enter student demographics
- Enter student contact information
- Withdraw a student
- View student enrollment statuses
- Transfer students within the district
- Change a student's enrollment status
- Promote a student
- Demote a student
- Associate a student to primary and secondary schools
- Enroll students in a program
- Withdraw students from a program
- View a student's group memberships