SUMMER TECHNOLOGY CAMP 2017

DETECHTIVES

Designing Technology-Rich Learning Experiences

- Choose from numerous breakout sessions
- Registration at 8:00AM
- Refreshments & lunch included both days
- Opportunity to present in mini-presentations on Day 2
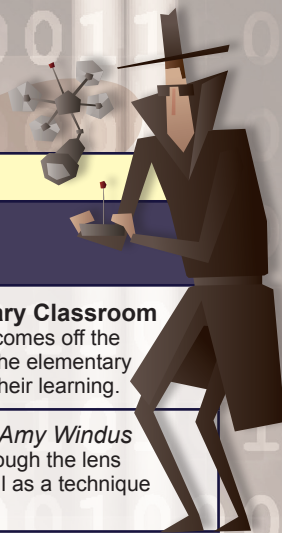
JULY 10th AND 11th

OLEAN CTE CENTER

COSERS: 420, 501, 510, 517, 521

CA BOCES
Essential Partner

SCHEDULE·DAY 1

8:00 - 8:30	Registration
8:30 - 9:15	Scavenger Hunt/Maker Challenge

SESSION 1
9:20 - 10:20

Teacher Spotlight: Brendan Heaney (Fillmore CSD) Writing with Video/Graphic Novels
This will be an hour long crash course on "How to Properly 'Close Read' Film and Graphic Novels." Also, there will be some discussion focused on how students can use an understanding of film and graphic novel analysis and utilize composition skills to produce various forms of video projects.

Crack the Case with BreakoutEDU *with Alexandra Freer and Brendan Keiser*
Breakout EDU is an immersive games platform for learners of all ages. In Breakout EDU games, players work collaboratively to solve a series of critical thinking puzzles in order to open a locked box. Each Breakout EDU starter kit can be used to play hundreds of games. You'll learn how to access the games library, set up your locks, and facilitate your first Breakout EDU game.

On the case with Office365, using Office Mix and Sway *with Rob Miller*
Office365 can be utilized for more than storing documents in the cloud. You can create stunning presentations, portfolios and websites using Sway on any computer or tablet. Flip your classroom with ease using Office Mix and PowerPoint and make interactive presentations to collect feedback from your students.

SESSION 2
10:25 - 11:25

Teacher Spotlight: Caitlin Bowen (GVCSD) Jag Bots– From Cub to Jaguar:
Come learn about Genesee Valley's robotics that are used from elementary to high school. Also, you'll get to hear a detailed description of how GV made it possible to compete in the FIRST Robotics Competition.

VFT: Interactive Disease Detective with Cleveland Museum of Natural History *with Betsy Hardy*
Participants will experience an exciting interactive virtual field trip and become secret agents for the World Health Organization to review the case histories of three frightened patients who all shared a recent airplane flight. Investigate infectious diseases around the world, including those newly discovered and others that have been around as long as recorded human history. Can you and your colleagues analyze the simulated patients' symptoms in time to save hundreds of lives? Find out during this engaging STEM related program.

Don't Get Charged for Copyright Infringement: *What You Need to Know About Copyright* with Cece Fuoco
Do you take images off of Google for your classroom presentations or worksheets? Have you ever played more than 30 seconds of a music clip in your classroom? Do your sports teams play warm-up music before their games? Have you ever shown a video to your class as a reward? Don't be a criminal against copyright laws. Learn the dos and don'ts and how to protect yourself.

11:30 - 12:10	LUNCH

SESSION 3
12:15 - 1:15

Teacher Spotlight: Audrey Maguda (CLV) Elementary STEAM: Making Music with Garbage
Do you like listening to music? Do you ever want to investigate and "deTECHt" how the sounds are made? Well here's your chance! Come and learn how to build an instrument using the STEAM framework: Ask, Imagine, Plan, Create, and Improve. Students in Audrey's pre-k, kindergarten, first, and second grades have used the STEAM process to create instruments out of recyclable materials. Now it's YOUR turn! What do you want to build?

A HyperDocs Whodunit! *with Brendan Keiser*
HyperDocs are interactive Google Docs that provide engaging and collaborative experiences for students instead of traditional worksheets that provide passive experiences. HyperDocs promote communication, critical thinking, collaboration, and problem solving. In this session, participants will learn about the characteristics of a HyperDoc by interacting with a HyperDoc to solve a Whodunit. Participants will learn the benefits of using HyperDocs in the classroom and will learn how to create their own.

Person of Interest– Making Twitter Connections *with Rob Miller*
You can investigate new teaching ideas and follow like-minded educators using Twitter. Twitter opens your doors up to the world and extends your ideas past your classroom walls. Find people of interest and become a "Person of Interest" on Twitter. Come learn about #hashtags, tweets, retweets, PLN/s, and Twitter lists in this hands-on workshop.

SESSION 4
1:15 - 2:15

Teacher Spotlight: Jim Schifley (CABOCES) Mystery Rock from Mars: A STEM Investigation
Participants will be given an unknown rock and are told it is from the planet Mars. The rock composition will be identified using visual identification, sample comparisons, and use of the BOCES Scanning Electron Microscope.

AR/VR: Going Undercover in a Virtual World *with Lauren Stuff and Rob Miller*
Come join us as we blur the line between reality and computer-generated imaging, enhancing what you feel, what you hear, and what you see. Go back to the scene of a crime - virtually - and continue to be immersed in the real world without ever having to leave your seat. Explore applications such as Quiver, Aurasma, and Fyuse as we talk Virtual and Augmented Reality.

Field Trip Zoom: Searching for the Clue to Your One-Click, Any-Device Field Trip *with Betsy Hardy*
Come learn about a first-of-its-kind live-streaming calendar that is filled with unique and interactive educational experiences for you and your students to share. The live streaming events are organized around the annual academic observance calendar, and it only takes one click to connect your class right from your computer or other internet connected device. No extra equipment or additional scheduling is necessary! You won't be disappointed with the hundreds of events that are available right at your fingertips!

SCHEDULE·DAY 2

8:00 - 8:30	**Registration**
8:30 - 9:15	**Sign-Ups or 2-to-12 Presentations** **BREAKOUT: Bring your clues to help you breakout and be a true deTECHtive**

SESSION 5
9:20 - 10:20

Teacher Spotlight: Jessica Romance (Belfast) Writing with Video in the Elementary Classroom
Looking for a new way to spark creativity in your students' writing? What happens when composition comes off the page? This hands-on session will provide participants with an idea and an example of using video in the elementary classroom. Second grade students in Belfast created movie trailers using iPads and iMovie to show their learning.

Examining Digital Citizenship as an Essential Life Skill: QFT *with Sarah Wittmeyer and Amy Windus*
Participants will learn about the Question Formulation Technique from the Right Question Institute through the lens of Digital Citizenship. This two in one session will focus on the importance of digital citizenship as well as a technique for getting students to ask better questions.

Interrogation or Engagement: Cooperative Learning Strategies to Boost Student Engagement and Participation *with Lauren Stuff*
If we've heard it once, we've heard it 100 times before - "I'm bored." Rather than listening to one more student gripe about boredom, come learn how to engage students through various cooperative learning techniques, all of which can easily be transferred to use with a tech tool. This session will target teachers looking to build student interest and participation.

SESSION 6
10:25 - 11:25

Teacher Spotlight: Eric Talbot (CRCS) STEAM and Robotics in Elementary
This session will display a variety of activities Cuba-Rushford Elementary students completed in the first year of our STEAM/Robotics program. Participants will also have the opportunity to complete a project using one of our elementary LEGO kits.

Zoom: Video-Conferencing in a Snap *with Betsy Hardy and Amy Windus*
Participants will learn how to use Zoom, an easy to use video and web conferencing tool accessible from any internet connected device. You will walk away from this session knowing how to schedule meetings, send invites, share content, chat, and record connections for free. Connect to the world with your classroom, anytime, anywhere!

On the Trail for Add-ons, Extensions, and Apps for Google *with Sarah Wittmeyer and Alexandra Freer*
Google's office services (G-Suite) allow users to create text documents, spreadsheets, and slide shows all from a free online platform. While these tools are powerful in themselves, sometimes users want to spice them up. Join the search for great apps, extensions, and add-ons to make G-Suite do what YOU want it to do!

11:30 - 12:10	**LUNCH**

SESSION 7
12:15 - 1:15

Teacher Spotlight: Michelle Grillo (CRCS) Writing with Video in the High School
Many students are unable to effectively communicate their analysis and understanding of the course material using the traditional format, the essay, because they struggle with the conventions and process of writing. This session will introduce a few video creation projects that can be used to help students express their knowledge of the material in a way that allows for a different kind of creativity than is tapped for essay writing. This also helps the struggling writers realize that they actually do get the material and that the writing process of planning, organizing, creating, and editing, is very similar to the video creation process that they completed quite successfully.

App Smackdown *Lauren Stuff vs. Rob Miller*
The apps will be flying when these two technology Goliaths face off in the challenge of all challenges… Who has the better apps? Only the audience can decide which of these two gladiators of iOS will emerge a winner. Join us as we uncover the best of the best in the world of educational applications.

Accessibility Case Files: Filling Your File with Resources on Equal Access to Technology
with Rick Weinberg
A self-proclaimed gumshoe, Rick will give you the lead in making technology accessible to all students. Whether you're looking for help with text-to-speech resources or other accessibility options for students that struggle, this session is for you!

SESSION 8
1:15 - 2:15

2-to-12 Presentations
Show us what you know! Take anywhere from 2 to 12 minutes to make the case for your favorite tech tool. Apps, add-ons, extensions, websites - share your case file of resources with your fellow super sleuths.

HELPFUL INFORMATION:

Have your administrator or district contact
register you at
http://register.caboces.org

CONFIDENTIAL

Case File:

TOP SECRET

DETECHTIVES

Session Name	Notes	Biggest Takeaway