



Time	Location	Topic	Speaker	Description
8:00 - 8:45	REGISTRATION			
8:45 - 8:55	WELCOME - The Point Event Forum			
9:00 - 11:55	The Point Makerspace	Hands-On with Experts from The Point: Laser Engraving - 20 PEOPLE MAXIMUM		
9:00 - 9:55	The Point Event Forum	The Future of Marketing and Sales	Meghan Hultquist HQdigital	Marketing and sales have fundamentally changed the way buyers behave. Businesses everywhere need to adapt by adopting the right mix of strategic technologies. This session will cover the essential components of a healthy tech stack and the critical skills students will need to help companies grow.
9:00 - 9:55	Room 165	Google Classroom in STEM	Gina Bruce Pleasant View Middle School- South Western City Schools	Many schools and districts are using Google of Education and have access to Google Classroom. Often STEM classes appear next to impossible to have on any type of LMS with all the drawings and labs that need to be done. Over the last 3-5 years I have taken 90% of all my curriculum online to Google Classroom. This allows for even on snow days students can do their work from home.
9:00 - 9:55	Room 122	Screen Free Coding	Laurie Green Mrs.Geeky LLC	Attend this hands on session and learn about a variety of screen free, kinesthetic resources available that can integrate across the curriculum while reinforcing coding and computational thinking. Find the ones that are right for you and your learning environment.
9:00 - 9:55	Room 111	MakerSpace - Not Just a Room in the Building	Paul Shircliff paulshircliff.org	We will discuss Maker Centered Learning and the Maker mindset. We will share how Maker Centered Learning fosters the 5C's (Creativity, Critical Thinking, Collaboration, Communication, Community) and the 4P's (Play, Passion, Peers, Projects) and talk about what a Maker Centered Learning environment looks like and how it functions. We will explore ways to incorporate making into every part of the curriculum and every part of the building with every student, such that every room could be considered a "MakerSpace". Participants will make an artifact from simple supplies and share how that demonstrates something in their curriculum. We will brainstorm ways to promote the maker mindset and creativity throughout the building.
10:00 - 10:55	The Point Event Forum	Attack of the Drones	Tad Douce Drones in School	Schools can now build their very own first person view racing quadcopters, then compete for glory! There's a whole host of STEM topics discovered and practiced by teams. Building, flying and maintaining a racing fleet requires a thorough understanding of the physics, mechanics, engineering, electronics and coding principles, along with teamwork, creative problem solving and friendly competition! Stop by and see how to get started!
10:00 - 10:55	Room 165	Future of Work	Evelyn Van Til Apprenti	The future of work is change. What strategies can we, as educators, implement to prepare our students for careers that don't currently exist?
10:00 - 10:55	Room 122	Elementary STEM Resources	Bob Claymier STEM is Elementary	Attendees will have hands-on experience with dozens of elementary resources, including construction sets, books, websites, robotics and coding and others. Links to all the resources can be downloaded.
10:00 - 10:55	Room 140	Open Your Robotics Program with the moto:bit	Dr. Paul Post The Ohio State University Paul Shircliff paulshircliff.org	The moto:bit is a carrier board for the micro:bit. Similar to an Arudino shield, it is designed to add functionality to the micro:bit without the hassle of a number of other boards, soldering, and all of those jumper wires.

Time	Location	Topic	Speaker	Description
11:00-11:55	The Point Makerspace	Hands-On with Experts from The Point: Vinyl Cutting - 20 PEOPLE MAXIMUM		
11:00 - 11:55	The Point Event Forum	Computer Science is for everyone!	Eva Bradshaw NCWIT (National Center for Women & Information Technology)	Careers in science, technology, engineering and math (STEM) and computer science (CS) are critical in shaping the world we live in and solving some of its biggest challenges. The gender gap in STEM and (CS) fields is wide and longstanding. Schools across the country and around the world are working to increase access to quality CS education. But while CS classes and opportunities are expanding, too many students — especially girls, Black, Latino and Native American youth — feel like it's not for them.
11:00 - 11:55	Room 165	OTEEA Student Exhibits Exemplary Samples/Q/A	Victor Stefan Mike Brockert OTEEA	Researched based K-12 Technology Education Student Exhibits offer several valued opportunities to demonstrate ODE Standards mastery yet their are many other benefits for educators to coach students to champion opportunities available in recent years. OTEEA Exhibits Chairman Mike Brockert and Victor Stefan DTE will share Student Exhibit successes over the years at K-12 levels for all students. Technology is for Everyone! Opportunities await for those who participate! Be Prompt!
11:00 - 11:55	Room 122	Go Go Gadget!	Laurie Green Mrs.Geeky LLC	So many gadgets, so little time! Do you find yourself asking which of these new gadgets would benefit my classroom or Makerspace? How do I choose? What do I choose? Should I choose? Join Mrs. Geeky and get the lowdown on everything from MaKey MaKey to Arduino and their curriculum possibilities. You might just find something new to put in your toolbox.
11:00 - 11:55	Room 111	Building Students' Confidence using STEM Programs	Gail Vawter Robot Academy LLC	Research suggests that academic performance is impacted by one's perceived self-efficacy, and that students who find success in STEM subjects are likely to have improved confidence overall. This session will cover the essential components of building students' confidence by teaching techniques to increase the student's ability to learn and solve problems with playful, engaging, and relevant hands-on activities. We place a special emphasis on inspiring girls in STEM.
11:00 - 11:55	The Point Event Forum	Visit Our Sponsor and Vendor Booths		
12:00-12:55	The Point Event Forum	Lunch Keynote - <i>Erin Bender</i> - Executive Director, The Point at Otterbein		
1:00-2:55	The Point Makerspace	Hands-On with Experts from The Point: CNC - 20 PEOPLE MAXIMUM		
1:00 - 1:55	The Point Event Forum	Future of Work	Evelyn Van Til Apprenti	The future of work is change. What strategies can we, as educators, implement to prepare our students for careers that don't currently exist?
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1:00 - 1:55	Room 145	The Engineering Design Process	Bob Claymier STEM is Elementary Dr. Paul Post The Ohio State University	Learn the basics of the engineering design process, the key elements, and how to teach it to your students. If you are getting started in Believe in Ohio or in adding technology and engineering to your classes this will give you a hands-on start.
1:00 - 1:55	Room 139	3D Printing - Getting Started	Jim Cornett Olentangy Berlin HS	This workshop is an introduction into the world of 3D printing. In this workshop we will provide a brief overview of the 3D printing and 3D modeling. Different printing methodologies, as well as their benefits and limitations will also be covered during this session. This session will demonstrate how to operate a 3D printer and how to download, prepare, and print digital files from a digital library (Thingiverse). There is also be time for open discussion and questions.



OHIO TECHNOLOGY SUMMIT

10.29.19

SCHEDULE OF PRESENTATIONS

Time	Location	Topic	Speaker	Description
2:00 - 2:55	The Point Event Forum	Computer Science is for everyone!	Eva Bradshaw NCWIT (National Center for Women & Information Technology)	Careers in science, technology, engineering and math (STEM) and computer science (CS) are critical in shaping the world we live in and solving some of its biggest challenges. The gender gap in STEM and (CS) fields is wide and longstanding. We need to be thoughtful about the way these subjects are taught. So we are bringing CS to everyone. We recognize the importance of offering Computer Science courses. Our goal is to make sure we are encouraging everyone to sign up! Schools across the country and around the world are working to increase access to quality CS education. But while CS classes and opportunities are expanding, too many students — especially girls, Black, Latino and Native American youth — feel like it's not for them. As a result, the whole world misses out on the diverse perspectives needed to fuel innovation and drive change.
2:00 - 2:55	Room 165	MakerSpace - Not Just a Room in the Building	Paul Shircliff paulshircliff.org	We will discuss Maker Centered Learning and the Maker mindset. We will share how Maker Centered Learning fosters the 5C's (Creativity, Critical Thinking, Collaboration, Communication, Community) and the 4P's (Play, Passion, Peers, Projects) and talk about what a Maker Centered Learning environment looks like and how it functions. We will explore ways to incorporate making into every part of the curriculum and every part of the building with every student, such that every room could be considered a "MakerSpace". Participants will make an artifact from simple supplies and share how that demonstrates something in their curriculum. We will brainstorm ways to promote the maker mindset and creativity throughout the building.
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2:00 - 2:55	Room 139	Google Classroom in STEM	Gina Bruce Pleasant View Middle School- South Western City Schools	Many schools and districts are using Google of Education and have access to Google Classroom. Often STEM classes appear next to impossible to have on any type of LMS with all the drawings and labs that need to be done. Over the last 3-5 years I have taken 90% of all my curriculum online to Google Classroom. This allows for even on snow days students can do their work from home.
3:00 - 3:15	The Point Event Forum	Closing Remarks - Paolo DeMaria - State Superintendent of Public Instruction / Tad Douce - President, OTEEA		
3:15 - 4:00	The Point Event Forum	OTEEA Annual Meeting		

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Exhibitors

1. Ohio Designated STEM Schools
2. OSLN
3. Ohio Academy of Science
4. Robot Academy
5. Civil Air Patrol
6. Makey Makey
7. Soap Box
8. Advanced Technologies
9. DEPCO
10. STEM is Elementary
11. Drones in School
12. National Robotics Challenge
13. TEK 8