

OETC17 Presenter Directory

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Lori Schlueter



Biography

Mrs. Lori Schlueter has been a teacher for 20 years and has taught K-8. She has a Bachelor's Degree in Education from the University of Akron and has a teaching certification. She has taught in public and private schools. She has taught coding with circuits, sensors, robots, imagery analysis, video games, geospatial mapping, mobile app development, augmented reality, and 3D printing design!

Mrs. Schlueter is part of the St. Ambrose Coding Team, where they have collaboratively connected the school and community through innovative technology projects and career pathway programs, including internships. She has also instructed students in grades 1-8 to develop coding projects and mobile apps to help change the world through physical activity, environmental, social services, disabilities, diseases, and cancer. The top projects competed in the National Invention Convention.

She also assisted students with developing medical apps that helped improve communication between patients/caregivers and doctors. Top medical app students presented their mobile apps to a team of doctors at The Cleveland Clinic!

Mrs. Schlueter has successfully implemented geospatial tools with grades K-8! Students use geoinquiries, develop maps for analysis, and

STEM: Anyone can empower students using geospatial digital content!

📅 Thursday, February 16, 2017

🕒 11:00 AM - 11:45 AM

📍 C160

🗣️ Educational Session

👤 **Schlueter L** ¹

¹ St. Ambrose School, Brunswick Ohio, United States

STEM: Anyone can empower students using geospatial digital content!

OETC Presentation: STEM

Anyone can empower students using geospatial digital content

PROJECT DESCRIPTION	STEM/Computer Science teacher and 3 students were asked by the Ohio Board of Regents to present geospatial projects at the OETC in Columbus, OH.
INPUTS	Computer science class

OUTCOMES	Students developed geospatial maps to analyze climate change in their classrooms.
LEARNING IMPACTS	Students are scheduled to present to the City of Brunswick all of their impact project research. Through student research, they feel that they have more of a voice to help change their community. Students have an interest in pursuing STEM careers.
PROJECT LINKS	Lori Schlueter https://odhe.eventsair.com/QuickEventWebsitePortal/oetc17/info/Speaker