

Paul Shircliff

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Education :

Kent State University

Master of Arts Secondary Education

May 1995

University of Toledo

Bachelor of Science, Engineering Physics

June 1989

Licensure

Ohio 7-12 Physics and Mathematics

current

Employment :

Walsh Jesuit High School, Cuyahoga Falls OH - Physics, Coding-Robotics 2017-2018

- *Created Coding-Robotics Curriculum* : Set up framework for projects and purchased materials for students to experience a variety of coding platforms and hardware. Started C-R Club in the same vein.

Buckeye Local Schools, Medina OH - Physical Science, Algebra, Physics, Geometry, STEAM 2002-2017

- *Made Science and Mathematics more practical and relevant to students* : Incorporated Project Based Learning, digital tools, and Maker ideas to classes. Started a STEAM (Science Tinkering Engineering Aesthetics Mathematics) elective at the high school and Project Lead The Way at the junior high. Through these, students applied concepts in a hands on, multidisciplinary way.
- *Shared current and cutting edge technology with the students* : Brought in drones, 3D printing , GOPro's, 360° camera, wearable technology, and various digital tools for students to explore as part of Science and Mathematics curriculum as well as possibilities for other courses of study.
- *Created communication opportunities in the school and district*: Brought in Google Apps for Education, ran message televisions in high school cafeteria, upgraded sound and lighting systems in the high school auditorium, video recorded various fine arts events for district cable station and provided DVD's for the advisors and students.

Woodridge Local Schools, Cuyahoga Falls OH - Algebra, Physics 2001-2002

- *Member of grant writing team* : Through this grant technology was purchased and integrated into the curriculum of 5 pilot teachers

Stark State College, North Canton OH - Algebra, Physics, Environmental Science 1996-2001

- *Created a digital Environmental Science course resource book* : As the world became more computer based, an easily editable and printable version of resources was needed

PRC Inc, McLean VA - Nuclear Power Plant Consulting Services

1990-1993

- *Compiled Vendor Manuals and Master Equipment Lists for Power Plant Maintenance*
Taught myself Structured Query Language (SQL) to optimize database searches for myself and coworkers

Professional Training, Learning and Membership :

Certification : Project Lead The Way Automation & Robotics and Design & Modeling

Membership : International Society for Technology in Education (ISTE)

Presented : “Student Voices & Screencasting”, “Wearables - aka who doesn’t need a light up tiara”, “The Educational Vision of Calvin & Hobbes” at PodStock in Wichita, KS. “Tweet yourself right” at Medina County Educators Symposium, Medina County Career Center, Medina OH, “MakerSpaces : not just a room in the building” at NEOTIE, Beechwood, Ohio

Attended : PodStock, International Society for Technology in Education, Northeast Ohio Technology Innovators in Education, EdCamp Cleveland, Michigan Association for Computer Users in Learning, North Carolina Technology In Education Society, Future of Education Technology Conference, EdCamp Leader Ohio, Google Geo Teachers Institute, FabLearn

Regularly Participate : Twitter chats - #colchat, #sblchat, #ohedchat, #nhed, #satchatwc