



BENJAMIN HURLEY

COMPUTER SCIENCE AND STEM TEACHER

"Everybody in this country should learn to code, because it teaches you how to think." -Steve Jobs

PERSONAL PROFILE

Pre-K through 5th grade Computer Science and STEM teacher at Washington County Public Schools. Passionate advocate for Computer Science and STEM education for all students. Google Certified Level 1, Apple Teacher 2016. Leader, learner and blogger.

CONTACT

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EDUCATION

Administration and Supervision
Certification I and II
Hood College, 2011

Master of Education, Curriculum and
Instruction: Educational Technology
Frostburg State University, 2003

Bachelor of Science, Early
Childhood/Elementary Education
Frostburg State University, 2001

LEADERSHIP

- Elementary Computer Science Coach for MSDE through the Maryland Center for Computing Education (MCCE), developing, facilitating and implementing county-level Professional Development.
- Regional Facilitator for Elementary Computer Science Coach program, managing coaches in Garrett, Allegany and Washington counties, organizing and providing workshop sessions within the Coaches program and providing MSDE-sponsored professional development in computer science education.
- WCPS representative to MSDE's CS4ALL SCRIPT team, collaborating with surrounding counties to merge state Computer Science initiatives with WCPS vision and goals.
- WCPS Computer Science curriculum writing leadership team, infusing Computer Science standards throughout the essential curriculum.
- STEM Connector Leadership Team member for county and school, planning and providing professional development for county Connectors.
- MSET Executive Board Member, serving as Student Showcase Chair, highlighting and honoring exceptional student digital integration projects and learning across the state of Maryland at Common Ground.
- Grant writer, having received numerous grants to bring innovative coding and robotics materials to strengthen STEM and computational thinking learning at Pangborn.
- College for Kids instructor, creating the LEGO Robotics program at Hagerstown Community College for elementary and middle school students from 2011-2020.
- Regular presenter of Computer Science and STEM-related sessions at state-wide conferences such as Common Ground and the Spring Festival of Children's Literature at Frostburg State University.
- Guest Lecturer for Educational Technology classes at FSU Center @ University System of Maryland, Hagerstown.
- Former STEM Kit Leadership Team member, collaborated with Library Media Department to bring STEM and computational thinking tools and resources equitably to all schools.

TEACHING EXPERIENCE

Computer Science and STEM Teacher

PANGBORN ELEMENTARY SCHOOL, 2016-PRESENT

- Envisioned, researched, developed and implemented Computational Thinking and STEM Encore program for grades Kindergarten through 5th, Pre-K and Life Skills

Elementary Classroom Teacher - Grade 4 and 5

PANGBORN ELEMENTARY SCHOOL, 2007-2016

EASTERN ELEMENTARY SCHOOL 2006-2007

- Responsible for classroom management and teaching.
- Infused STEM learning experiences for all students with various forms of technology

Technology Education Teacher

SPRINGFIELD MIDDLE SCHOOL, 2003-2006

- Piloted and implemented the middle school Project Lead the Way program, Gateway to Technology, as a model for other middle school Tech Ed programs which is still in use today