



# BENJAMIN HURLEY

STEM AND COMPUTER SCIENCE 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 STEM and Computer Science teacher at Washington County Public Schools. Passionate advocate for STEM and Computer Science education for all students. 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

- STEM Connector Leadership Team member, planning and providing professional development for county Connectors and maintaining resources on the WCPS STEM website
- STEM Connector for Pangborn Elementary, developing, implementing, and vetting STEM-infused lessons
- STEM Kit Leadership Team member, collaborating with Library Media Department to bring STEM and computational thinking tools and resources equitably to schools
- School-based STEM and Science Committee Facilitator, bringing professional development to grade-level team leaders and teachers
- MSET Executive Board Member, serving as Student Contest Committee Chair highlighting and honoring exceptional student digital integration projects and learning across the state of Maryland
- MSET Western Maryland Regional Coordinator, organizing technology integration professional development opportunities
- Written and received two WCPSEF grants and 15 Donors Choose grants to bring coding and robotics materials to strengthen STEM and computational thinking learning at Pangborn
- Developed and taught the College for Kids summer LEGO Robotics program at Hagerstown Community College for elementary and middle school students from 2011-present
- Regularly presents STEM-related conference sessions at state-wide conferences such as Common Ground and the Spring Festival of Children's Literature at Frostburg State University

## TEACHING EXPERIENCE

### STEM and Computer Science Teacher

PANGBORN ELEMENTARY SCHOOL, 2016-PRESENT

- Envisioned, researched, developed and implemented STEM and Computational Thinking 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