Matthew **Braddock**

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PROFESSIONAL EXPERIENCE_____

Mathematics Educator, Howard County Public School System
Howard High School, Atholton High School, Mt. Hebron High School, Glenelg High School
Ellicott City, MD, July 2015 - Present
- Teach grade 9-12 students in Algebra 1, Geometry, Geometry G/T, Algebra 2, and Advanced Algebra
- Collaboratively plan lessons with peers aligned to Common Core State Standards and PARCC assessments
- Develop and maintain a course page on Canvas to post assignments, grades, and study resources, and communicate with students and parents through announcements and messages
- Present at department and faculty meetings on the features and course implementation of Canvas
- Tested and evaluated new features of Canvas as part of the Canvas Gradebook Pilot Program before implementation county-wide
- Chaired the Technology Integration subcommittee of the Student Improvement Team

Mathematics Educator, Prince George's County Public Schools
Dr. Henry A. Wise, Jr. High School
Upper Marlboro, MD, July 2012 - July 2015
- Taught grade 10-12 students in AP Calculus AB, Trigonometry, SAT Preparation, and College Summit
- Developed and implemented lesson plans adhered to county curriculum and College Board Curriculum Framework
- Assisted in updating the Algebra 2 curriculum for the county mathematics department
- Presented at department meetings on utilizing math software in the classroom

CERTIFICATION_____

Advanced Professional Certificate
Maryland: 7-12 Mathematics, January 2017 - December 2021

EDUCATION_____

Master of Science, Instructional Technology
Fort Hays State University, Hays, KS, December 2015
Cumulative GPA: 4.00

Bachelor of Arts, Mathematics
California State University, Stanislaus, Turlock, CA, June 2010
Concentration: Subject Matter Preparation

Associate of Science, Mathematics
American River College, Sacramento, CA, June 2008

PROFESSIONAL PRESENTATIONS_____

Features of DeltaMath and the Plus Subscription
HCPSS Secondary Mathematics Virtual "Tool Time", September 2020

Exploring Features of Graphs with GeoGebra Mobile
HCPSS Secondary Mathematics Countywide Professional Development, February 2018

Advanced GeoGebra: Creating Interactive Technology for the Classroom
College and Career Readiness Conference, June 2015
PGCPS Common Core Learning Community, March 2015

Beginning GeoGebra: Introducing Interactive Technology in the Classroom
PGCPS Common Core Learning Community, November 2014

Google Forms and Sheets: Balancing Data with Sanity
Powering Up with Technology, November 2014
PGCPS New Teacher Boot Camp, August 2014

CONTINUED PROFESSIONAL DEVELOPMENT_____

Mindfulness and Personal Reflection as Foundation for Restorative Practices
Howard County Public School System, Spring 2021 (3 credits)

Poverty Matters
Howard County Public School System, Spring 2021 (2 credits)

TECHNOLOGY SKILLS_____

Learning Management Systems
8 years of expertise with systems such as Canvas, Blackboard, Edmodo, and SchoolMAX

Front End Development
4 years of self-taught experience with HTML, CSS, and JavaScript, including server-side Node.js, to create open source projects

Media Editing
12 years of experience with Adobe Photoshop, Adobe Premiere, and Audacity through educational and personal projects