

Matt Braddock

matt.braddock@gmail.com

CLASSROOM EXPERIENCE

Math Teacher 2015 - Present
Howard County Public School System Ellicott City, MD

Teach students in grades 9 through 12 in Geometry G/T and Algebra 2, and previously Algebra 1, Advanced Algebra, and SAT Prep. Implement and differentiate the Illustrative Mathematics certified Kendall Hunt curriculum and collaboratively plan lessons with colleagues. Develop and maintain a course page on Canvas to share resources and communicate with students and families while testing and evaluating experimental features of Canvas before countywide distribution. As a Rainbow Representative, act as a liaison and advocate for LGBTQIA+ rights in order to build an inclusive community for staff and students. Previously chaired the Technology Integration subcommittee of the Student Improvement Team.

Math Teacher 2012 - 2015
Prince George's County Public Schools Upper Marlboro, MD

Taught students in grades 10 through 12 in Trigonometry, AP Calculus AB, and SAT Prep. Developed and implemented lesson plans adhering to county curriculum and College Board Curriculum Framework. Assisted the county mathematics department in updating the Algebra 2 curriculum.

PROFESSIONAL EXPERIENCE

Math Content Writer 2021 - Present
Maryland Public Television Owings Mills, MD

Create lessons, assignments, and assessment items for the development of an online Geometry course. Collaborate with content and media specialists to create an interactive and unified curriculum.

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 Learning
February 2018

Advanced GeoGebra: Creating Interactive Math Applets
PGCPS Common Core Learning Community
March 2015

Beginning GeoGebra: Introducing Interactive Math Applets
PGCPS Common Core Learning Community
November 2014

Google Forms and Sheets: Balancing Data with Sanity
PGCPS Powering Up with Technology
November 2014

EDUCATION

Fort Hays State University Hays, KS
MS Instructional Technology 2015

CSU Stanislaus Turlock, CA
BA Mathematics 2010

American River College Sacramento, CA
AS Mathematics 2008

CERTIFICATION

Advanced Professional Certificate
Maryland: 7-12 Mathematics
January 2022 - December 2026

PROFESSIONAL DEVELOPMENT

*Mindfulness and Personal Reflection as
Foundation for Restorative Practices*
Spring 2021

Poverty Matters
Spring 2021

Rainbow Conference Inquiry Group
Spring 2021

TECHNOLOGY SKILLS

Learning Management Systems
Canvas · Synergy · Blackboard · SchoolMAX

Mathematical Software
GeoGebra · Desmos · L^AT_EX

Office Suites
Microsoft Office · Google Apps for Education

Computer Programming
JavaScript · Node.js · React · HTML & CSS