

# Matthew Braddock, NBCT

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## SUMMARY

Dedicated educator with over a decade of professional experience teaching all levels of secondary mathematics. Adept at clearly explaining content knowledge to all levels of students while cultivating strong, positive relationships. Committed to positively contributing to the school and local community.

## TEACHING EXPERIENCE

2015 - Now Math Teacher — Howard County Public School System

Teach students in grades 9 through 11 in Geometry and Geometry G/T, and previously Algebra 1, Algebra 2, 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. Sponsor of the Math Team at Guilford Park High School. As a Rainbow Representative, acted 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 School Improvement Team at Howard High School.

2012 - 2015 Math Teacher — Prince George's County Public Schools

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. Sponsored the Chess Club at Dr. Henry A. Wise, Jr. High School.

## RELATED PROFESSIONAL ROLES

2021 - 2022 Math Content Writer — Maryland Public Television

Created lessons, assignments, and assessment items for the development of an online Geometry course. Collaborated with content and media specialists to create an interactive and consistent curriculum.

## EDUCATIONAL HISTORY

2022 - 2024 Towson University

Post Baccalaureate Certificate in Accomplished Teaching for Student Impact

2014 - 2015 Fort Hays State University

Master of Science in Instructional Technology

2008 - 2010 California State University, Stanislaus

Bachelor of Arts in Mathematics

2006 - 2008 American River College

Associate of Science in Mathematics

## PROFESSIONAL CERTIFICATION

2025 - 2030 National Board Certification

Mathematics/Adolescence and Young Adulthood

2022 - 2026 Advanced Professional Certificate

Maryland: Mathematics 7-12, Computer Science 7-12

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## PROFESSIONAL DEVELOPMENT FACILITATION

- 2024 "Structured Proofs in Geometry"  
HCPSS Secondary Mathematics Countywide Professional Learning
- 2023 "Geometric Constructions & GeoGebra Classroom"  
HCPSS Secondary Mathematics Countywide Professional Learning
- 2023 "Typing Beautiful & Consistent Mathematics with L<sup>A</sup>T<sub>E</sub>X"  
HCPSS Secondary Mathematics Countywide Professional Learning
- 2020 "Features of DeltaMath Plus Subscription"  
HCPSS Secondary Mathematics Virtual "Tool Time"
- 2018 "Exploring Features of Graphs with GeoGebra Mobile"  
HCPSS Secondary Mathematics Countywide Professional Learning
- 2015 "Advanced GeoGebra: Creating Interactive Math Applets"  
PGCPS Common Core Learning Community
- 2014 "Beginning GeoGebra: Introducing Interactive Math Applets"  
PGCPS Common Core Learning Community
- 2014 "Google Forms & Sheets: Balancing Data with Sanity"  
PGCPS Powering Up with Technology