

TechKnowledge

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February 2, 2021 12:00pm-1:00pm or 3:00pm-4:00pm

Putting the 'AT' in mATH: Making Math More Accessible with Assistive Technology

Math is a subject that can invoke a wide range of emotions. For students with disabilities, a lack of access to math tools and notation can lead to anxiety and poor performance. This webinar will look at strategies to make math instruction more accessible by improving the structure of materials, incorporating low-tech assistive technology, and using text-to-speech, handwriting, and speech recognition supports.



**MATTHEW
NEWTON**

VDOE'S T/TAC AT
VA TECH

Coordinator of Assistive and Educational Technology VDOE's Training and Technical Assistance Center at Virginia Tech

Matt's focus is supporting general and special education teachers, administrators, and related service providers in finding and implementing low to high-tech solutions and UDL strategies for students with disabilities PK-12. Matt began his career in education as a special education teacher working with students with multiple disabilities in the Roanoke City Public Schools division and has also served there as an instructional technology resource teacher. He was recognized as Roanoke City's Teacher of the Year in 2014 and Virginia's Region 6 Teacher of the Year in 2015.



**KRISTEN
WILLIAMS**

VDOE,
OFFICE OF
STEM AND
INNOVATION

Mathematics & Special Education Specialist, Office of STEM and Innovation, Virginia Department of Education

Kristin Williams is the Mathematics and Special Education Specialist at the Virginia Department of Education. She promotes and supports statewide mathematics achievement of students, with a particular focus on students with disabilities and diverse support needs. Ms. Williams' 25 years of experience in the classroom as both a special educator and general educator, as well as various leadership roles in both capacities, have helped her to fulfill this state-level role with the lens of a well-seasoned practitioner. She holds a Virginia Postgraduate Professional License in Specific Learning Disabilities K-12, Intellectual Disabilities K-12, Emotional Disturbance K-12, and Mathematics – Algebra I. She has presented at various local and state conferences, and is passionate about supporting both general and special educators as they endeavor to meet the needs of all students.



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