



# Resource Spotlight

*A resource brief to support virtual professional learning for division partner staff and families*

## Research-Based Mathematics Instruction for ALL

This Resource Spotlight features research-based mathematics instructional resources, virtual professional learning opportunities, and supports for families.

### RESOURCES:

- ❖ [Virginia Kindergarten Readiness Program \(VKRP\)](#)  
[VKRP Early Mathematics Assessment System](#) (EMAS) skills snapshot to support educators in planning instruction and assessing student growth across the kindergarten school year
- ❖ [Bridging for Math Strengths Formative Assessments and Activities](#)  
VDOE and GMU partnership providing formative assessment tools, activities, and materials for targeted instruction and practice with mathematics bridging standards
- ❖ [Co-Teaching Mathematics Instructional Plans](#)  
VDOE Excellence in Co-Teaching mathematics instruction plans demonstrating a variety of co-teaching approaches such as station, parallel, and alternative teaching and more
- ❖ [Mathematics Word Walls](#)  
VDOE instructional resource featuring mathematics content words and associated visual cues to assist in vocabulary development for all, particularly students with disabilities
- ❖ [Project STAIR \(Supporting Teaching Algebra Individual Readiness\)](#)  
University of Texas resources and videos demonstrating research-based practices for teaching algebra to students with disabilities

### VIRTUAL PROFESSIONAL LEARNING:

- ❖ [Explicit Instruction \(HLP 15\) and Effective Teacher Feedback \(HLP 8 and 22\)](#)  
GMU TTAC self-paced module on explicit instruction and providing positive and constructive feedback to students, including VDOE resources and exemplar teacher demonstrations
- ❖ [Exploring Math with Preschoolers](#)  
Head Start Early Childhood Learning and Knowledge Center Teacher Time series video on exploring everyday math concepts through daily routines and interactions
- ❖ [Evidence-Based Specially Designed Instruction in Mathematics](#)  
VDOE webinar and [Evidence-Based Specially Designed Math Instruction Resource Guide](#)
- ❖ [High Quality Mathematics Instruction: What Teachers Should Know](#)  
IRIS Center self-paced module on components and evidence-based practices for high-quality mathematics instruction with an associated [Progress Monitoring in Mathematics](#) module
- ❖ [Intensive Intervention in Mathematics](#)  
National Center on Intensive Intervention (NCII) series of professional learning modules introducing best practices for intensifying math interventions for students with disabilities

### FAMILY SUPPORTS:

- ❖ [Mathematics Resources for Families and Communities](#)  
VDOE compilation of free resources for families to use to enhance children's math literacy
- ❖ [Help Your Child Develop Early Math Skills](#)  
Zero to Three resources for families to support children in developing an understanding of addition and subtraction through everyday interactions

Visit [TTAC Online](#), [VA Family Special Education Connection](#) and [Assistive Technology Network](#)  
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