



Resource Spotlight

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

Specialty Designed Instruction (SDI) - Mathematics

This Resource Spotlight features relevant resources, virtual learning opportunities and family supports for specialty designed instruction (SDI) in mathematics.

RESOURCES:

- ❖ [Evidence-Based Specialty Designed Instruction \(SDI\) in Mathematics](#)
VDOE compilation of evidence-based SDI guidance, FAQs, and strategies that educators can use to support students with mathematics disability or difficulty at any grade
- ❖ [Co-Teaching Mathematics Instructional Lesson Plans](#)
VDOE teacher-developed sample instructional plans demonstrating the use of co-teaching approaches to enhance mathematics SDI in co-taught classrooms
- ❖ [SDI Mathematics Spotlights](#)
GMU TTAC SDI spotlights for algebraic concepts, geometry, integer operations, place value, decimals, percent, and rational and whole number operations
- ❖ [High-Impact Co-Teaching Approaches for Secondary Mathematics Classrooms](#)
GMU TTAC guide to high-impact secondary co-teaching approaches including alternative, station, parallel and team teaching, and independent practice
- ❖ [High Leverage Practices \(HLP\) – Mathematics Crosswalk](#)
GMU TTAC crosswalk aligning CEEDAR Center and Council for Exceptional Children HLPs to high quality mathematics professional learning and classroom practice resources

VIRTUAL PROFESSIONAL LEARNING OPPORTUNITIES:

- ❖ [Evidence-Based Specialty Designed Instruction in Mathematics](#)
VDOE recorded webinar on evidence-based strategies educators use to enhance instruction for students with disabilities in mathematics
- ❖ [Self-Regulated Strategy Development \(SRSD\) for Solving Equations](#)
GMU TTAC Virtual Virginia self-paced professional learning on SRSD, a metacognitive strategy, to help students solve equations and self-regulate their learning
- ❖ [High Quality Math Instruction: What Every Teacher Should Know](#)
IRIS Center module highlighting evidence-based instructional strategies and effective classroom practices for teaching mathematics
- ❖ [Mathematics Explicit Instruction and How to Adjust Scope and Sequence](#)
Project STAIR video recordings demonstrating mathematics explicit instruction and how to adjust mathematics instruction scope and sequence

FAMILY SUPPORTS:

- ❖ [Family Math](#)
Stanford University Development and Research in Early Math Education (DREME) resources for engaging in fun early math learning at home and in the community
- ❖ [School Performance and Support Framework: Family Supports for Mathematics](#)
VDOE mathematics guidance, checklists, videos, activities and resources to support families as partners in their child's mathematics learning experiences

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

Follow us on [Instagram](#) and [Facebook](#)

