



Resource Spotlight

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

Specially Designed Instruction (SDI)-Mathematics Resources

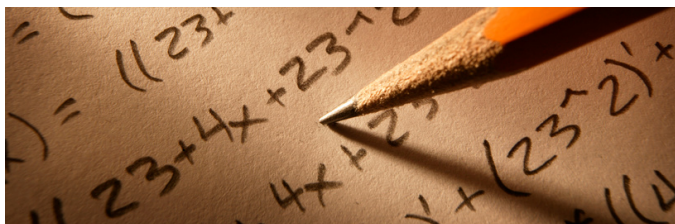
- **Guidance for Specially Designed Instruction (SDI) and Inclusive Best Practices in Mathematics Classrooms-COMING SOON!** - VDOE soon-to-be released guidance, instructional strategies, and resources for tailoring mathematics instruction to meet the individual needs of students with disabilities.
- [Co-Teaching Mathematics Instructional Plans](#) – VDOE mathematics instructional plans utilizing six common co-teaching approaches.
- [Just in Time Quick Checks](#) – VDOE formative assessments that align to the 2023 Mathematics SOL to assess prior knowledge and identify or diagnose learning gaps.
- [Bridging for Math Strength](#) - VDOE and George Mason University (GMU) strength-based formative assessment and bridging activities to support K-8 math instruction.
- [Mathematics Sample Lessons to Support Intensifying Intervention](#) – National Center on Intensive Intervention (NCII) lessons and guidance documents to support intensifying and individualizing mathematics instruction.
- [Math Spiral Resources](#) – University of Texas at Austin Specialized Math Intervention to Reach All Learners (SPIRAL) resources.

High Leverage Practice (HLP 15 -Provide Scaffolded Supports)

- [High Leverage Practice Pillars Crosswalk for Mathematics](#) – VDOE GMU TTAC crosswalk linking HLPs to mathematics instruction resources for personalized professional learning and classroom application.
- [Online Math Resources](#) – TTAC Online compilation of interactive virtual and downloadable instructional tools, supports and activities.

Family Supports

- [Resources for Families and Communities](#) – VDOE resource compilation for families to support math learning and practice at home.
- [Family Math Activities](#) – Development and Research in Early Math Education (DREME) resources to help families engage with each other and math learning at home.
- [Helping Kids Learn at Home](#) – The Meadows Center video collection to help families use practice and learn math at home.



Professional Learning Opportunities

- [Specialized Math Intervention to Reach All Learners](#) – SPIRAL real-time and archived specialized math intervention professional learning sessions.
- [Helping Youth Learn Math Vocabulary: The Frayer Model](#) – PaTTAN Mathematics Initiative video overview on teaching mathematical vocabulary using the Frayer Model.
- [Supporting Teaching of Algebra Individual Readiness](#) – Project STAIR videos featuring strategies to help teachers use precise language when teaching math.
- [Word Problems? No Problem!](#) – T/TTAC William & Mary videos providing instructional strategies for teaching schema-based problem-solving to students with disabilities.
- [Schema-Based Instruction for Problem-Solving](#) – VDOE webinar on schema-based instruction.
- [What to Consider When Teaching Students with Math Difficulty](#) – NCII video describing instructional considerations when teaching students with math difficulty.

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