



REGIONAL SCHOOL DISTRICT 13

Grades 3 - 5 Math Parent Resources

RSD13 Core Ethical Values: Respect, Responsibility, Honesty, Kindness & Courage

CURRICULUM, INSTRUCTION & ASSESSMENT

Math Instruction



Regional School District 13 provides every student with the opportunity to participate in a rich learning environment. This will include direct instruction as well as differentiated instruction to meet students at their level.

Students will participate in:

- Math Workshop
- Strategic Groups
- Number Talks ®
- Procedural and Conceptual Fluency
- Math Discourse
- Vocabulary Development

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Math Workshop



Math Workshop is an instructional model that focuses on the work of the mathematician. This model balances direct instruction, guided practice and independent practice. Students have opportunities to participate differentiated activities that involve both written and verbal student led mathematical discourse.

What does a lesson look like?

1. Math Warm-Up
2. Whole Group Mini Lesson
3. Small Group Math Rotations
4. Reflection

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Standards for Mathematical Practice



In grades 3 -5 we develop conceptual understanding, fluency, and application of Connecticut Core Standards through the eight mathematical practices. These practices describe the characteristics of mathematically proficient students across all grades.

- Make sense of problems and persevere in solving them.
- Reason abstractly and quantitatively.
- Construct viable arguments and critique the reasoning of others.
- Model with mathematics.
- Use appropriate tools strategically.
- Attend to precision.
- Look for and make use of structure.
- Look for and express regularity in repeated reasoning.

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Supporting Your Student



What can I do at home to support my child?

- Communicate regularly with your child's teacher.
- Talk about math in a positive way.
- Make math a priority.
- Involve your child(ren) in activities around the house that involve math (baking, building, crafts, shopping, time management, counting money)
- Play board and card games.
- Ask your child questions about their reasoning.
- Promote problem solving by finding solutions together.
- Visit the [National Education Association](#) (NEA) for more ideas

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Parent Resources



What resources can I use at home to support my child's learning?

Bedtime Math	Fun and engaging math activities that involve children of all ages to solve together before heading bed.
Starfall	Math games based on Common Core State Standards
ABCya!	Grade level educational games
Math Buddy	Question of the day for grades 1-8
Greg Tang Math	Games and online resources to promote number sense
Connecticut Core Standards	Common Core State Standards
National PTA	Information on the priority at each grade level