



# KCS RTI<sup>2</sup> Math Intervention

## Elementary Menu

Intervention	Type	Considerations	Descriptions
<b>Moving with Math</b> (Grades K-5)	Direct Instruction <u>Focus:</u> Number Sense, Fluency, and Mathematical Reasoning	Previously purchased materials located at each school	Moving with Math includes support for direct instruction & hands-on lessons through easy-to-use, lightly scripted lesson plans. Every lesson is introduced with a manipulative activity to develop understanding of essential math concepts followed by a picture on the student page, connecting the concrete to the abstract stage of learning including strategies for learning basic facts and daily reviews.
<b>Ready Math</b>	Direct Instruction <u>Focus:</u> Number Sense, Fluency, and Mathematical Reasoning	Integrated with the Tier 1 curriculum	Additional instruction and practice is available through downloadable lessons to help meet individual student or small group needs.
<b>Do the Math</b>	Direct Instruction <u>Focus:</u> Number Sense, Fluency, and Mathematical Reasoning	Online and print curriculum <i>Requires school purchase</i>	Do the Math is a targeted, skills-based intervention that includes manipulatives. It is lightly scripted and easy for teachers to use. The program's guiding principles include: scaffolded content, gradual release, differentiation, and vocabulary.
<b>iReady Math</b>	Computer-based <u>Focus:</u> Number Sense, Fluency, and Mathematical Reasoning	Supplement instructional resource <i>Requires school purchase</i>	Digital, adaptive lessons that provide personalized student instruction targeted to students' unique areas of needs and mobile apps to boost achievement.

<b>Zearn</b>	Computer-based <u>Focus:</u> Number Sense, Fluency, and Mathematical Reasoning	Supplement instructional resource  Available at all elementary schools	Students explore math through pictures, visual models, and real-life examples
<b>Freckle</b>	Computer-based <u>Focus:</u> Adaptive Practice	Supplement instructional resource <i>Free teacher accounts or Premium school-based accounts available for purchase</i>	Self-paced practice that continually adapts as students progress.
<b>XtraMath</b>	Computer-based <u>Focus:</u> Math Fact Fluency	Supplement instructional resource <i>Free teacher accounts or Premium licenses available for purchase</i>	Practice that helps students improve math fact fluency.
<b>Reflex</b> (Grades 2-5)	Computer-based, games <u>Focus:</u> Math Fact Fluency	Supplemental instructional resource <i>Purchase required</i>	System for mastering basic facts in addition, subtraction, multiplication and division for grades 2+.
<b>Building Fact Fluency</b>	Math Resource Kit <u>Focus:</u> Basic Math Fluency	Supplement instructional resource Options Available: <ul style="list-style-type: none"> <li>● Addition and Subtraction Kit</li> <li>● Multiplication and Division Kit</li> </ul>	Toolkit that develops deep conceptual understanding and procedural fluency

<b>Arrive Math Games Kit</b>	Math Game Kit <u>Focus:</u> Fluency Practice	Supplemental instructional resource	Game kit offers hands-on collaborative game play that provides ongoing fluency practice and opportunities for mathematical discourse.
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This menu represents a list of district-vetted programs to support Tier 2 and Tier 3 mathematics intervention instruction. The majority of the intervention should be direct instruction. Supplemental instructional resources may be used at the discretion of the intervention teacher and interventions should be developed based on the unique needs of students..