

Response to Intervention

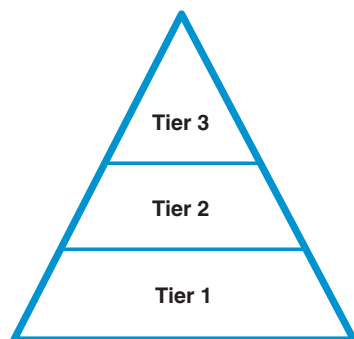
***Moving with Math*[®] materials integrate all eight of the Best Practices published by What Works Clearinghouse.**

Moving with Math[®] addresses all the essential math content standards for pre-kindergarten through high school. *Moving with Math*[®] is RTI Ready[™] and includes all of the recommendations listed below.



“RTI intentionally cuts across the borders of special education and general education and involves school-wide collaboration.”

Assisting Students Struggling with Mathematics: Response to Intervention (RTI) for Elementary and Middle Schools, National Center for Education Evaluation and Regional Assistance, 2009



***Moving with Math*[®] RTI Check List** ✓

- ✓ **Predictive Screening:**
 - ▶ **Pre-Tests, Post-Tests, Daily Reviews**, and weekly **Check Points** identify at-risk students and monitor progress

- ✓ **In-Depth Instruction:**
 - ▶ Focus on whole numbers in grades 1 through 4
 - ▶ Focus on rational numbers in grades 4 through 8 (decimals and fractions)

- ✓ **Systematic and Explicit Instruction:**
 - ▶ Lightly-scripted lesson plans guide instruction
 - ▶ Classroom activities use explicit models and strategies
 - ▶ Students given opportunities to verbalize, write, discuss, and practice skills learned

- ✓ **Solving Word Problems:**
 - ▶ Explicit steps and strategies for solving word problems
 - ▶ Practice solving word problems using alternative strategies
 - ▶ Use of word frames [underlying structures] in solving word problems

- ✓ **Physical and Visual Representations of Math Concepts:**
 - ▶ Manipulative-based activities introduce each math concept
 - ▶ Pictorial representations on every student page

- ✓ **Fluency-Building Activities:**
 - ▶ *Skill Builder* worksheets include flash cards, timed exercises, speed games
 - ▶ Include research-based strategies such as fact families

- ✓ **Monitoring:**
 - ▶ **Pre-Tests, Post-Tests, Daily Reviews**, weekly **Check Points**, and embedded assessments monitor the progress of at-risk students

- ✓ **Motivation:**
 - ▶ Activity-based instruction offers rich opportunities for student success and natural occasions for praise and encouragement

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www.movingwithmath.com