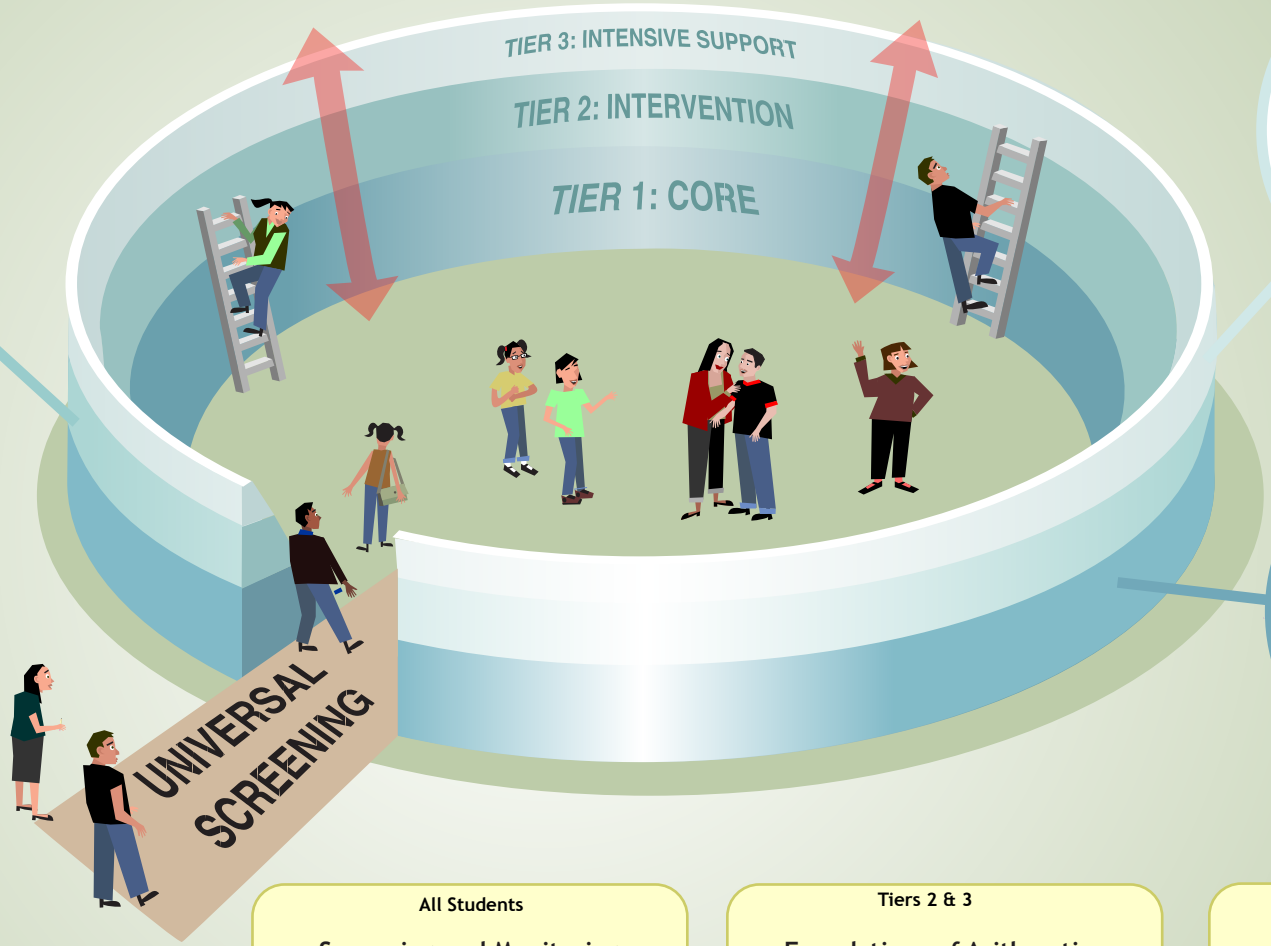
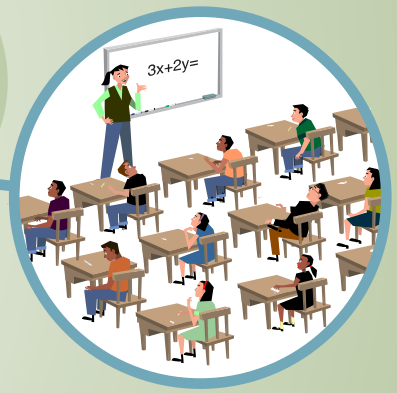
Response to Intervention Framework in Mathematics

Response to Intervention (RtI) is a framework for supporting students who are potentially at risk and assisting them before they fall behind. RtI is grounded in high quality core classroom instruction for all students which is then supplemented as necessary by progressively more intensive interventions for students who may struggle with reading or mathematics. Key components of RtI are periodic universal screening to determine which students may need additional instruction and ongoing progress monitoring to ascertain the effectiveness of additional instruction. The RtI framework represents a continuum and is often depicted as a triangle with three tiers of progressive intensity.

Tier 2: Interventions
Small group, more intense Instruction focused on specific skills



Tier 3: Intensive Support
Most intense, often one-to-one



Tier 1: Core Instruction
All students

All Students

Screening and Monitoring

—Screening twice a year
—Ongoing progress monitoring
—Reliable, efficient, valid measures

Tiers 2 & 3

Foundations of Arithmetic

—In-depth topic coverage:
  Whole numbers (K-5)
  Rational numbers (4-8)
—Underlying structures of word problems
—Daily fact fluency practice

Tiers 2 & 3

Intentional Teaching

—Explanations, thinkalouds, modeling
—Scaffolded problem-solving
—Visual representations
—Immediate corrective feedback
—Praise for effort & engagement

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