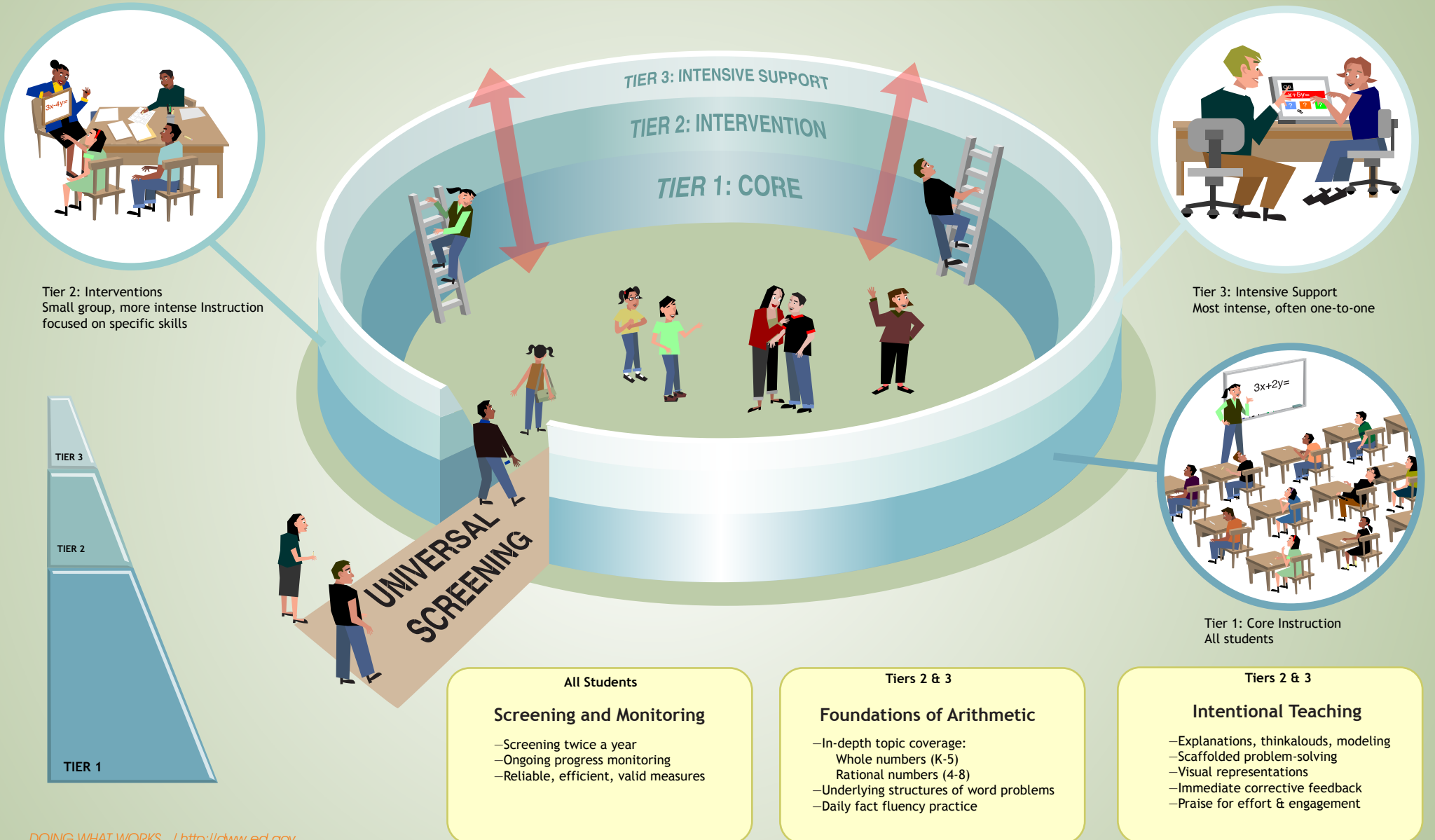


# Response to Intervention Framework in Mathematics

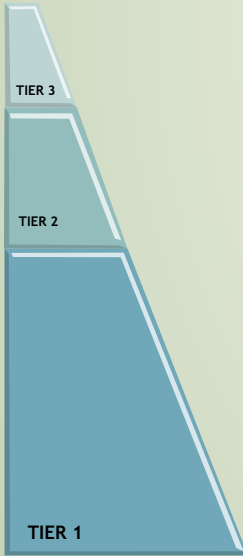
Response to Intervention (RtI) is a framework for supporting students who are potentially at risk and assisting them before they fall behind. RtI is grounded in high quality core classroom instruction for all students which is then supplemented as necessary by progressively more intensive interventions 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