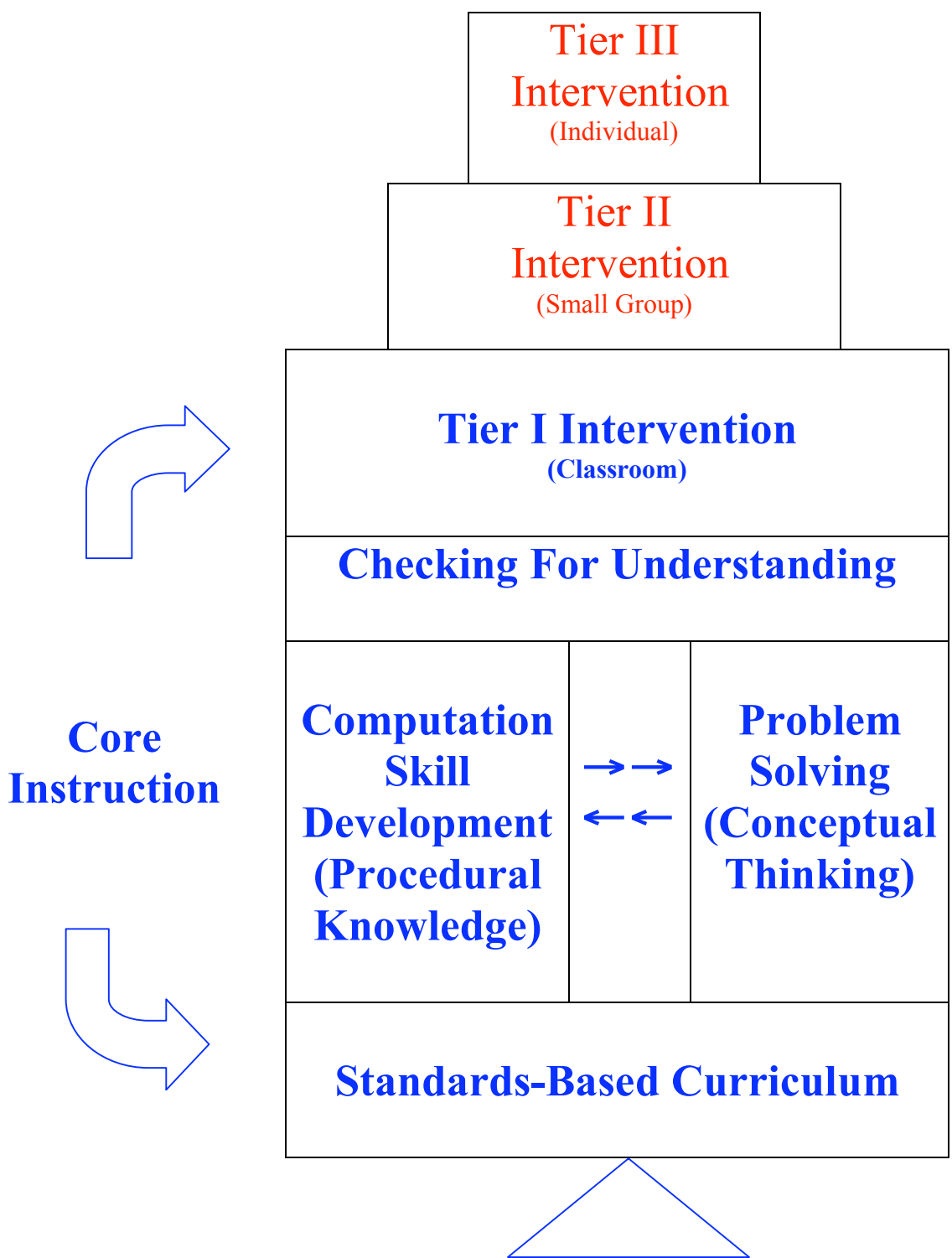


Pittsfield Public Schools Mathematical Literacy Framework



Based on *A Comprehensive Literacy Program, k-8* model developed by J. David Cooper

presented at CACE on November 30, 2006.

Interventions for Mathematics

To provide instructional assistance for students to meet grade level standards

- Tier I Intervention is part of the core instruction and may include the whole class or a small group of students who need additional time, practice, or alternate representations.
- Tier II Intervention is additional instruction beyond the core that provides a small group of students with additional time, reinforcement, and skill development of grade level standards.
- Tier III intervention is a remediation program for an individual student who has been assessed to have a gap or difference in learning that impacts the achievement of grade level standards.

Procedural Knowledge

Concept development is viewed as arising from computational proficiency

Ex. Determine the product of 0.25×1.2

Conceptual Knowledge

Concept development is learned through an understanding of underlying principles of mathematics

Ex. Explain why the product of 0.25×1.2 has three decimal places?