



Connecting Math Concepts

Grades K-8



Connecting Math Concepts



The results are proven, the possibilities endless.SM

Connecting Math Concepts

Allows Teachers to Help Students Make Sense of Math

This comprehensive basal program highlights the relationships among key math concepts and their applications

The Approach:
Balanced and Comprehensive

Connecting Math Concepts emphasizes key mathematical concepts, “big ideas,” that make it easier for students to learn. The series:

- Teaches explicit strategies that all students can learn and apply
- Strikes a balance between computation and problem solving for better overall comprehension of math
- Provides the practice needed to achieve procedural mastery and depth of understanding
- Helps students make connections among related concepts and across daily instructional activities

The Format:
Structured to Ensure Success

Connecting Math Concepts offers proven methods for building mathematical comprehension:

- All concepts are introduced in small steps, with careful attention to the teaching of component skills.
- New information is presented in short takes from lesson to lesson, so no student is overwhelmed.
- Guided practice and support provided early on enable students to grasp and apply new skills more easily.
- Skills and concepts are integrated into “big ideas” to make learning efficient and strengthen understanding.
- Supervised independent work and planned correction procedures help teachers clear up any confusion.
- Systematic, continuous, and varied review exercises ensure proficiency.

The Learning Materials:
Complete and Effective

- Teacher Presentation Books provide explicit lesson plans that are scripted for clear, effective communication.
- Teacher Guides summarize the strategies taught at each level and provide tips for teaching specific skills. They also include cumulative tests that measure mastery of key skills.
- Math Fact Worksheets (*Blackline Masters*) provide a quick refresher for students needing extra fact practice.
- Independent Worksheets (*Blackline Masters*) offer practice in skill mastery and maintenance. They may be used for independent seatwork or for homework.
- Workbooks and Textbooks provide challenging practice and application activities needed to help students master the basics while broadening their understanding of mathematics.

Compare *Connecting Math Concepts* to Your Basal

Traditional Basal (Spiral Curriculum)	Connecting Math Concepts (Track Curriculum)
Brief coverage of topics	Gradual yet intensive
Discovery and vague explanations	Explicit strategies
Emphasis on rote procedures	Procedures clearly connected to key concepts
Rapid transition to independent practice	Guided practice before moving to independent practice
Limited practice and review	Extensive, cumulative review

Connecting Math Concepts offers proven methods for building mathematical understanding