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

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<th>Traditional Basal (Spiral Curriculum)</th>
<th>Connecting Math Concepts (Track Curriculum)</th>
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<tbody>
<tr>
<td>Brief coverage of topics</td>
<td>Gradual yet intensive</td>
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<td>Discovery and vague explanations</td>
<td>Explicit strategies</td>
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<td>Emphasis on rote procedures</td>
<td>Procedures clearly connected to key concepts</td>
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<td>Rapid transition to independent practice</td>
<td>Guided practice before moving to independent practice</td>
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<tr>
<td>Limited practice and review</td>
<td>Extensive, cumulative review</td>
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Connecting Math Concepts offers proven methods for building mathematical understanding