

Balanced Instruction

For real understanding, students need a combination of open-ended problem solving opportunities, meaningful dialogue, and purposeful practice that reinforces, and extends, new learning.

Balanced instruction recognizes four key components that build mathematical literacy, as illustrated here.

Addison Wesley Mathematics Makes Sense supports each key component in the following ways.

Problem Solving

- Introduces new concepts by presenting a problem to solve.
- Includes whole group, partner, and independent problem-solving activities.

Understanding Concepts

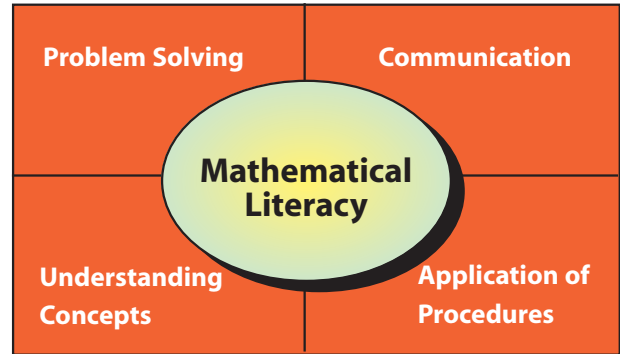
- A variety of activities allows students to bring their own experiences to new concepts.
- Question prompts guide the student dialogue that follows each new learning experience.
- Consolidates key concepts before moving to independent work.

Application of Procedures

- Gives purposeful practice for students to apply, clarify, and extend the learning.
- Provides regular opportunities for calculator or computer applications, or the introduction of new problem-solving strategies.

Communication

- Guides students to represent their thinking in pictures, numbers, or words.
- Provides a balance of oral and written communication opportunities.



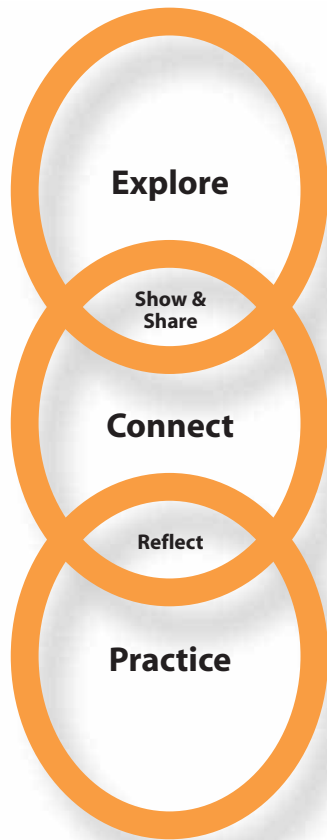
It's time for a program that simplifies teacher planning so teachers have more time with their students.

– Peggy Morrow, Program Author

Balanced instruction is delivered in a consistent three-part lesson structure that supports the way students learn, and the way teachers teach.

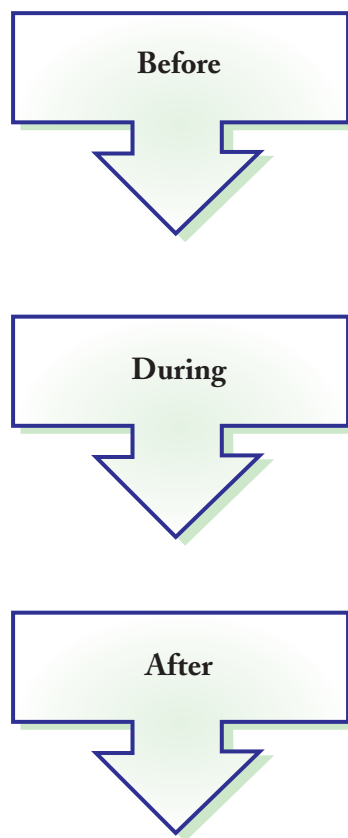
How Students Learn:

Our Student Book Lesson



How Teachers Teach:

Our Teacher Guide Lesson



Manageable and Easy-to-Use

The problem-solving approach in *Addison Wesley Mathematics Makes Sense* is balanced with purposeful practice of skills and reinforcement of concepts. *Addison Wesley Mathematics Makes Sense* gives you quick access to ideas for instruction, while your students get clean, clear content appropriately paced.

- An “all-in-one-place” Teacher Guide
- Predictable, consistent format
- Open, readable design