

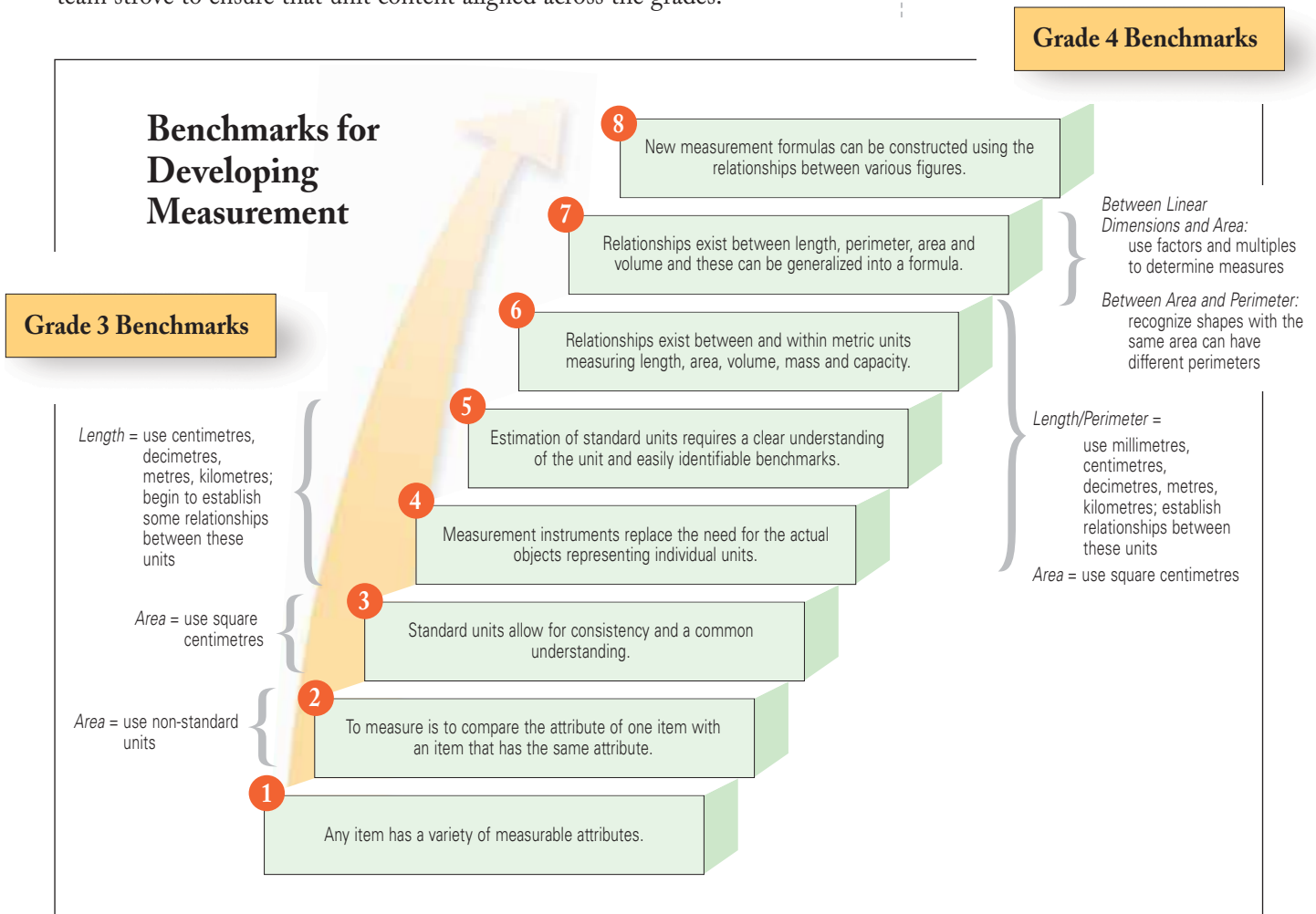
Solutions for Combined Grades

Teachers of combined grades have a special challenge in their task of providing full curriculum coverage for different grade levels, in the same classroom and during the same class period, while addressing the learning needs of all their students. *Addison Wesley Mathematics Makes Sense* offers planning tools for day-to-day support of combined grades classrooms.

Available as a supplement to your Teacher Guide, our **Together Resources** provide practical suggestions for planning and teaching combined grades.

- Background notes outline 3 general lesson approaches, depending on the nature of the content at hand and students' prior knowledge
- Specific unit suggestions identify a day-to-day unit plan with recommended lesson approaches, notes for specific activities, and homework assignments from the unit

In our earliest planning, combined grades have been considered in the creation of the **K to 8 Scope and Sequence**. Wherever the mathematical content allowed, and the curriculum requirements indicated, our development team strove to ensure that unit content aligned across the grades.



Understanding developmental stages provides a framework for planning effective mathematics lessons to meet the needs of all students.

– Craig Featherstone, Program Consultant

K to 2 Scope and Sequence: Supporting Combined Grades

Although headings may change, they accurately reflect content plans.

Kindergarten	Unit	Grade 1	Grade 2
Number Sense and Numeration	1	Sorting and Patterning	Sorting and Patterning
Measurement	2	Number Development: Number Relationships	Number Development: Counting and Patterns
Geometry	3	Measurement: Time, Temperature, and Money	Measurement: Time, Temperature, and Money
		Cross-Strand Investigation	Cross-Strand Investigation
Patterning and Algebra	4	Number Operations: Addition and Subtraction to 12	Number Operations: Exploring Addition and Subtraction
Data Management	5	Data Management and Probability	Data Management and Probability
	6	3-Dimensional Geometry	3-Dimensional Geometry
	7	Number Operations: Addition and Subtraction	Number Operations: Addition and Subtraction
		Cross-Strand Investigation	Cross-Strand Investigation
	8	Measurement: Linear Measurement and Area	Measurement: Linear Measurement and Area
	9	2-Dimensional Geometry	2-Dimensional Geometry
	10	Number Operations: Number and Applications	Number Operations: Number and Number Patterns
	11	Measurement: Mass and Capacity	Measurement: Mass and Capacity
		Cross-Strand Investigation	Cross-Strand Investigation

Grades 3 to 6 Scope and Sequence: Supporting Combined Grades

Although headings may change, they accurately reflect content plans.

Unit	Grade 3	Grade 4	Grade 5	Grade 6
1	Patterns in Number: Patterns and Place Value	Patterns in Number	Patterns in Number	Patterns in Number: Patterns and Algebra
2	Number Operations: Patterns in Addition and Subtraction	Number Operations: Whole Numbers and Operations	Number Operations: Whole Numbers and Operations	Number Operations: Whole Numbers and Operations
3	Geometry	Geometry	Geometry	Geometry
	Cross-Strand Investigation	Cross-Strand Investigation	Cross-Strand Investigation	Cross-Strand Investigation
4	Number Operations: Multiplication and Division	Number Operations: Multiplication and Division	Number Development: Decimals	Number Development: Fractions and Decimals
5	Data Management	Data Management	Data Management	Data Management
6	Measurement: Time, Money, and Mass	Measurement: Time, Money, and Mass	Measurement: Time, Money, and Mass	Measurement: Time, Money, and Mass
7	Geometry: Transformational Geometry	Geometry: Transformational Geometry	Geometry: 3-D Geometry and Measurement	Geometry: 3-D Geometry and Measurement
	Cross-Strand Investigation	Cross-Strand Investigation	Cross-Strand Investigation	Cross-Strand Investigation
8	Fractions	Fractions and Decimals	Fractions and Decimals	Fractions: Ratio, Rate, and Percent
9	Measurement: Length, Perimeter, and Area	Measurement: Length, Perimeter, and Area	Measurement: Length, Perimeter, and Area	Measurement: Length, Perimeter, and Area
10	Patterns and Relationships: Patterns in Geometry	Patterns and Relationships: Patterns in Number and Geometry	Patterns and Relationships: Patterns in Number and Geometry	Patterns and Relationships: Patterning and Algebra
11	Probability	Probability	Probability	Probability
	Cross-Strand Investigation	Cross-Strand Investigation	Cross-Strand Investigation	Cross-Strand Investigation

Grades 7 to 8 Scope and Sequence: Supporting Combined Grades

Although headings may change, they accurately reflect content plans.

Unit	Grade 7	Grade 8
1	Whole Numbers and Patterns	Number and Patterns
2	Number Development: Fractions and Decimals	Number Development: Fractions and Decimals
3	Geometry	Geometry
	Cross-Strand Investigation	Cross-Strand Investigation
4	Number Development: Working with Percent	Number Development: Working with Percent
5	Data Management: Collect, Analyse, and Display	Data Management: Collect, Analyse, Display, Infer from Data
6	Measurement: Perimeter and Area	Measurement: Circle and Triangle Measurement
7	Geometry and Measurement	Geometry and Measurement
	Cross-Strand Investigation	Cross-Strand Investigation
8	Ratio and Proportion	Ratio and Proportion
9	Integers	Integers
10	Patterning and Algebra: Linear Equations	Patterning and Algebra: Linear Equations
11	Data Analysis and Probability	Data Analysis and Probability
	Cross-Strand Investigation	Cross-Strand Investigation

