

Math Sense

correlated to

The Secretary’s Commission on Achieving Necessary Skills (SCANS)

Competencies	Book
Resources	
C1. Allocates Time	
C2. Allocates Money	<ul style="list-style-type: none"> • <i>Math Sense: Decimals, Fractions, Ratios, and Percents</i> –specific lesson on balancing a checkbook, p 62.
C3. Allocates Material and Facility Resources	
C4. Allocates Human Resources	
Information	
C5. Acquires and Evaluates Information	
C6. Organizes and Maintains Information	
C7. Interprets and Communicates Information	
C8. Uses Computers to Process Information	
Interpersonal	
C9. Participates as a Member of a Team	<ul style="list-style-type: none"> • <i>Math Sense: Whole Numbers and Money</i> – “Working Together” at end of each unit. Throughout extension activities in Teacher’s Resource Guide. • <i>Math Sense: Decimals, Fractions, Ratios, and Percents</i> – “Working Together” at end of each unit. Throughout extension activities in Teacher’s Resource Guide. • <i>Math Sense: Algebra and Geometry</i> – “Working Together” at end of each unit. Throughout extension activities in Teacher’s Resource Guide. • <i>Math Sense: Measurement and Data Analysis</i> – “Working Together” at end of each unit. Throughout extension activities in Teacher’s Resource Guide.
C10. Teaches Others	<ul style="list-style-type: none"> • <i>Math Sense: Whole Numbers and Money</i> – “Working Together” at end of each unit. Throughout extension activities in Teacher’s Resource Guide. • <i>Math Sense: Decimals, Fractions, Ratios, and Percents</i> – “Working Together” at end of each unit. Throughout extension activities in Teacher’s Resource Guide.

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	<ul style="list-style-type: none"> • <i>Math Sense: Algebra and Geometry</i> – “Working Together” at end of each unit. Throughout extension activities in Teacher’s Resource Guide. • <i>Math Sense: Measurement and Data Analysis</i> – “Working Together” at end of each unit. Throughout extension activities in Teacher’s Resource Guide.
C11. Serves Clients/Customers	
C12. Exercises Leadership	
C13. Negotiates to Arrive at a Decision	
C14. Works with Cultural Diversity	
Systems	
C15. Understands Systems	
C16. Monitors and Corrects Performance	
C17. Improves and Designs Systems	
Technology	
C18. Selects Technology	
C19. Applies Technology to Task	
C20. Maintains and Troubleshoots Technology	
Foundation Skills	
Basic Skills	
F1. Reading	<ul style="list-style-type: none"> • <i>Math Sense: Whole Numbers and Money</i> – throughout book. Specific lessons on pages 30, 36, 40, 52, 54, 62, 66, 82, 90, 96, 122, 128, 154, 166, 168 • <i>Math Sense: Decimals, Fractions, Ratios, and Percents</i> – throughout book. Specific lessons on pages 16, 22, 28, 30, 40, 44, 52, 58, 74, 92, 104, 120, 122, 142, 154, 178, 184, 188 • <i>Math Sense: Algebra and Geometry</i> – throughout book. Specific lessons on pages 28, 38, 78, 80, 82, 84, 86, 88, 96, 100, 116, 124, 142, 158, 166 • <i>Math Sense: Measurement and Data Analysis</i> – throughout book. Specific

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	<p>lessons on pages 16, 20, 26, 42, 46, 52, 55, 56, 58, 62, 69, 73, 78, 86, 92, 106, 110, 120, 124, 128, 132, 138, 150, 152, 154.</p>
F2. Writing	<ul style="list-style-type: none"> • <i>Math Sense: Whole Numbers and Money</i> – throughout book. Specific lessons on pages 30, 36, 38, 44, 74, 122, 136, 142, 168 • <i>Math Sense: Decimals, Fractions, Ratios, and Percents</i> – throughout book. Specific lessons on pages 18, 26, 52, 58, 62, 74, 94, 122, 138, 142, 168, • <i>Math Sense: Algebra and Geometry</i> – throughout book. Specific lessons on pages 14, 28, 38, 46, 50, 68, 76, 144, 146, 162 • <i>Math Sense: Measurement and Data Analysis</i> – throughout book. Specific lessons on pages 14, 18, 36, 38, 42, 52, 56, 66, 70, 78, 88, 92, 108, 110, 122, 126, 128, 134, 140.
F3. Arithmetic	<ul style="list-style-type: none"> • <i>Math Sense: Whole Numbers and Money</i> – throughout book. • <i>Math Sense: Decimals, Fractions, Ratios, and Percents</i> – throughout book. • <i>Math Sense: Algebra and Geometry</i> – throughout book. • <i>Math Sense: Measurement and Data Analysis</i> – throughout book.
F4. Mathematics	<ul style="list-style-type: none"> • <i>Math Sense: Whole Numbers and Money</i> – throughout book. • <i>Math Sense: Decimals, Fractions, Ratios, and Percents</i> – throughout book. • <i>Math Sense: Algebra and Geometry</i> – throughout book. • <i>Math Sense: Measurement and Data Analysis</i> – throughout book.

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<ul style="list-style-type: none"> F5. Listening 	<ul style="list-style-type: none"> <i>Math Sense: Whole Numbers and Money</i> – “Working Together” at end of each unit. Throughout extension activities in Teacher’s Resource Guide. <i>Math Sense: Decimals, Fractions, Ratios, and Percents</i> – “Working Together” at end of each unit. Throughout extension activities in Teacher’s Resource Guide. <i>Math Sense: Algebra and Geometry</i> – “Working Together” at end of each unit. Throughout extension activities in Teacher’s Resource Guide. <i>Math Sense: Measurement and Data Analysis</i> – “Working Together” at end of each unit. Throughout extension activities in Teacher’s Resource Guide.
<p>F6. Speaking</p>	<ul style="list-style-type: none"> <i>Math Sense: Whole Numbers and Money</i> – “Working Together” at end of each unit. Throughout extension activities in Teacher’s Resource Guide. <i>Math Sense: Decimals, Fractions, Ratios, and Percents</i> – “Working Together” at end of each unit. Throughout extension activities in Teacher’s Resource Guide. <i>Math Sense: Algebra and Geometry</i> – “Working Together” at end of each unit. Throughout extension activities in Teacher’s Resource Guide. <i>Math Sense: Measurement and Data Analysis</i> – “Working Together” at end of each unit. Throughout extension activities in Teacher’s Resource Guide.
<p>Thinking Skills</p>	
<p>F7. Creative Thinking</p>	<ul style="list-style-type: none"> <i>Math Sense: Whole Numbers and Money</i> – “Making Connections” sections throughout book. <i>Math Sense: Decimals, Fractions, Ratios, and Percents</i> – “Making Connections” sections throughout book.

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	<ul style="list-style-type: none"> • <i>Math Sense: Algebra and Geometry</i> – “Making Connections” sections throughout book. • <i>Math Sense: Measurement and Data Analysis</i> – “Making Connections” sections throughout book.
F8. Decision Making	
F9. Problem Solving	<ul style="list-style-type: none"> • <i>Math Sense: Whole Numbers and Money</i> – “Problem Solver” lessons throughout book, pages 24, 34, 50, 62, 76, 82, 90, 110, 122, 134, 144, 160, 166. • <i>Math Sense: Decimals, Fractions, Ratios, and Percents</i> – “Problem Solver” lessons throughout book, pages 28, 44, 52, 78, 92, 114, 120, 146, 170. • <i>Math Sense: Algebra and Geometry</i> – “Problem Solver” lessons throughout book, pages 32, 50, 78, 88, 102, 142, 144, 162, • <i>Math Sense: Measurement and Data Analysis</i> – “Problem Solver” lessons throughout book, pages 28, 44, 59, 94, 109, 136, 142, 154, 160.
F10. Seeing Things in the Mind’s Eye	<ul style="list-style-type: none"> • <i>Math Sense: Whole Numbers and Money</i> – pages 55, 83, 89 • <i>Math Sense: Decimals, Fractions, Ratios, and Percents</i> – pages 104, 114, 154 • <i>Math Sense: Algebra and Geometry</i> – pages 76, 116, 124, 128, 140, 144, 146
F11. Knowing How To Learn	
F12. Reasoning	<ul style="list-style-type: none"> • <i>Math Sense: Whole Numbers and Money</i> – “Problem Solver” lessons throughout book, pages 24, 34, 50, 62, 76, 82, 90, 110, 122, 134, 144, 160, 166. Additional reasoning activities found in Teacher’s

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	<p>Resource Guide.</p> <ul style="list-style-type: none"> • <i>Math Sense: Decimals, Fractions, Ratios, and Percents</i> – “Problem Solver” lessons throughout book, pages 28, 44, 52, 78, 92, 114, 120, 146, 170. • <i>Math Sense: Algebra and Geometry</i> – “Problem Solver” lessons throughout book, pages 32, 50, 78, 88, 102, 142, 144, 162. • <i>Math Sense: Measurement and Data Analysis</i> – “Problem Solver” lessons throughout book, pages 28, 44, 59, 94, 109, 136, 142, 154, 160.
<p>Personal Qualities</p>	
<p>F13. Responsibility</p>	<ul style="list-style-type: none"> • <i>Math Sense: Whole Numbers and Money</i> – Skills preview at the beginning of the book, mixed review in unit, unit review at the end of each unit, and post-test at the end of the book. • <i>Math Sense: Decimals, Fractions, Ratios, and Percents</i>– Skills preview at the beginning of the book, mixed review in unit, unit review at the end of each unit, and post-test at the end of the book. • <i>Math Sense: Algebra and Geometry</i> – Skills preview at the beginning of the book, mixed review in unit, unit review at the end of each unit, and post-test at the end of the book. • <i>Math Sense: Measurement and Data Analysis</i> – Skills preview at the beginning of the book, mixed review in unit, unit review at the end of each unit, and post-test at the end of the book.
<p>F14. Self-Esteem</p>	<ul style="list-style-type: none"> • <i>Math Sense: Whole Numbers and Money</i> – Survey at the beginning of each unit. • <i>Math Sense: Decimals, Fractions, Ratios, and Percents</i> – Survey at the beginning of

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	<p>each unit.</p> <ul style="list-style-type: none"> • <i>Math Sense: Algebra and Geometry</i> – Survey at the beginning of each unit. • <i>Math Sense: Measurement and Data Analysis</i> – Survey at the beginning of each unit.
F15. Social	
F16. Self-Management	<ul style="list-style-type: none"> • <i>Math Sense: Whole Numbers and Money</i> – Skills preview at the beginning of the book, mixed review in unit, unit review at the end of each unit, and post-test at the end of the book. • <i>Math Sense: Decimals, Fractions, Ratios, and Percents</i> – Skills preview at the beginning of the book, mixed review in unit, unit review at the end of each unit, and post-test at the end of the book. • <i>Math Sense: Algebra and Geometry</i> – Skills preview at the beginning of the book, mixed review in unit, unit review at the end of each unit, and post-test at the end of the book. • <i>Math Sense: Measurement and Data Analysis</i> – Skills preview at the beginning of the book, mixed review in unit, unit review at the end of each unit, and post-test at the end of the book.
F17. Integrity/ Honesty	