



## Grades K-5 Pacing Information: 2<sup>nd</sup> Edition

The curriculum at each grade level is organized into nine units (seven for Kindergarten). These units offer from 2 to 5 1/2 weeks of work, focused on the area(s) of mathematics identified in the unit's subtitle. Because units build on each other, both within and across strands, they are designed for use in the sequence shown.

Note that the *Investigations* curriculum assumes that each school day includes 70-75 minutes of math: one hour on the day's Session, and 10-15 minutes on the Classroom Routine or Ten-Minute Math Activity. (The Kindergarten curriculum assumes that each school day includes 40-60 minutes of math: 30-45 minutes on the day's Session, and 10-15 minutes on the Classroom Routine.)

Designed to fit within the calendar of a typical school year, the curriculum includes a total of approximately 160 sessions at each grade level (or approximately 32 weeks of work). This provides some leeway for going further with particular ideas and/or accommodating local circumstances. Although pacing will vary somewhat in response to variations in school calendars, needs of students, your school's years of experience with the curriculum, and other local factors, following the suggested pacing and sequence will ensure that students benefit from the way mathematical ideas are introduced, developed, and revisited across the year.

Kindergarten Units	Number of Sessions
<b>Who Is in School Today?</b> Classroom Routines and Materials	18
<b>Counting and Comparing</b> Measurement and The Number System 1	24
<b>What Comes Next?</b> Patterns and Functions	22
<b>Measuring and Counting</b> Measurement and The Number System 2	26
<b>Make a Shape, Build a Block</b> 2-D and 3-D Geometry	20
<b>How Many Do You Have?</b> Addition, Subtraction, and The Number System	26
<b>Sorting and Surveys</b> Data Analysis	17

First Grade Units	Number of Sessions
<b>How Many of Each?</b> Addition, Subtraction, and The Number System 1	25
<b>Making Shapes and Designing Quilts</b> 2-D Geometry	16
<b>Solving Story Problems</b> Addition, Subtraction, and The Number System 2	25
<b>What Would You Rather Be?</b> Data Analysis	13
<b>Fish Lengths and Animal Jumps</b> Measurement	11
<b>Number Games and Crayon Puzzles</b> Addition, Subtraction, and The Number System 3	20
<b>Color, Shape, and Number Patterns</b> Patterns and Functions	15
<b>Twos, Fives, and Tens</b> Addition, Subtraction, and The Number System 4	18
<b>Blocks and Boxes</b> 3-D Geometry	16

Second Grade Units	Number of Sessions
<b>Counting, Coins and Combinations</b> Addition, Subtraction, and The Number System 1	27
<b>Shapes, Blocks, and Symmetry</b> 2-D and 3-D Geometry	19
<b>Stickers, Number Strings, and Story Problems</b> Addition, Subtraction, and The Number System 2	26
<b>Pockets, Teeth, and Favorite Things</b> Data Analysis	15
<b>How Many Floors? How Many Rooms?</b> Patterns, Functions, and Change	11
<b>How Many Tens? How Many Ones?</b> Addition, Subtraction, and The Number System 3	20
<b>Parts of a Whole, Parts of a Group</b> Fractions	10
<b>Partners, Teams, and Paper Clips</b> Addition, Subtraction, and The Number System 4	16
<b>Measuring Length and Time</b> Measurement	21

Third Grade Units	Number of Sessions
<b>Trading Stickers, Combining Coins</b> Addition, Subtraction, and The Number System 1	17
<b>Surveys and Line Plots</b> Data	20
<b>Collections and Travel Stories</b> Addition, Subtraction, and The Number System 2	26
<b>Perimeter, Angles, and Area</b> 2-D Geometry and Measurement	17
<b>Equal Groups</b> Multiplication and Division	23
<b>Stories, Tables, and Graphs</b> Patterns, Functions, and Change	15
<b>Finding Fair Shares</b> Fractions	14
<b>How Many Hundreds? How Many Miles?</b> Addition, Subtraction, and The Number System 3	19
<b>Solids and Boxes</b> 3-D Geometry and Measurement	13

Fourth Grade Units	Number of Sessions
<b>Factors, Multiples, and Arrays</b> Multiplication and Division 1	<b>14</b>
<b>Describing the Shape of the Data</b> Data Analysis and Probability	<b>17</b>
<b>Multiple Towers and Division Stories</b> Multiplication and Division 2	<b>20</b>
<b>Size, Shape, and Symmetry</b> 2-D Geometry and Measurement	<b>20</b>
<b>Landmarks and Large Numbers</b> Addition, Subtraction, and The Number System	<b>24</b>
<b>Fraction Cards and Decimal Squares</b> Fractions and Decimals	<b>20</b>
<b>Moving Between Solids and Silhouettes</b> 3-D Geometry and Measurement	<b>14</b>
<b>How Many Packages? How Many Groups?</b> Multiplication and Division 3	<b>16</b>
<b>Penny Jars and Plant Growth</b> Patterns, Functions, and Change	<b>15</b>

Fifth Grade Units	Number of Sessions
<b>Number Puzzles and Multiple Towers</b> Multiplication and Division 1	<b>22</b>
<b>Prisms and Pyramids</b> 3-D Geometry and Measurement	<b>16</b>
<b>Thousands of Miles, Thousands of Seats</b> Addition, Subtraction, and The Number System	<b>15</b>
<b>What's That Portion?</b> Fractions and Percents 1	<b>21</b>
<b>Measuring Polygons</b> 2-D Geometry and Measurement	<b>18</b>
<b>Decimals on Grids and Number Lines</b> Decimals, Fractions, and Percents 2	<b>18</b>
<b>How Many People? How Many Teams?</b> Multiplication and Division 2	<b>20</b>
<b>Growth Patterns</b> Patterns, Functions, and Change	<b>13</b>
<b>How Long Can You Stand on One Foot?</b> Data Analysis and Probability	<b>15</b>