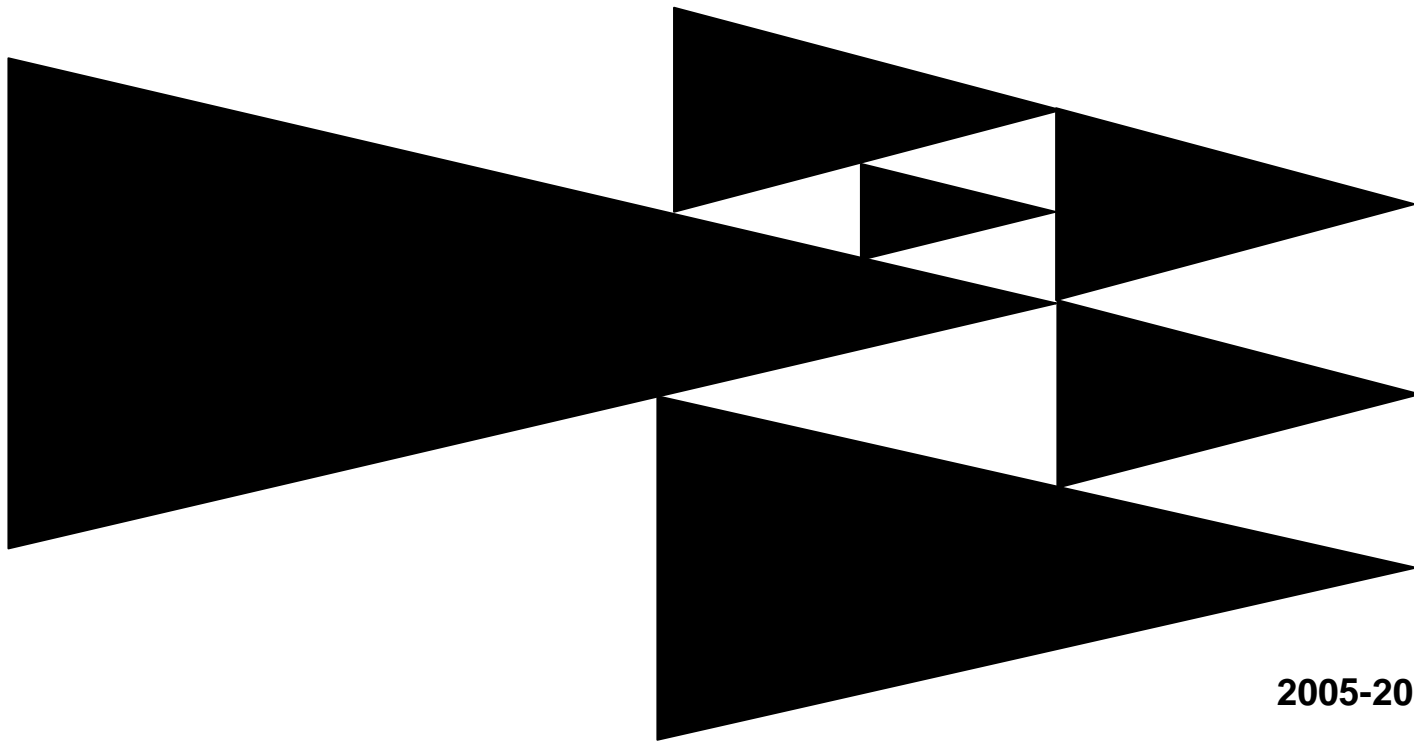


**pacing guide  
 mathematics – m/j mathematics 1  
 duval county schools  
 version 2.0**



**2005-2006**

**M/J Mathematics 1 Pacing Guide  
2005-2006**

Day	Performance Standard	Instructional Materials	Evaluation
1-9	The student will: 1.1 Understand relationships among factors, multiples, divisors, and products. 1.2 Link area and dimensions of rectangles with products and factors. 1.3 Identify numbers as prime or composites and as odd or even based on their factors.	CMP Prime Time Investigation 1, 2, 3 Start Unit Project  SFAW Middle School Math Course 1 2-5, 2-7, 5-1, 5-2, 5-3.	
10			Check-Up Quiz
11-16	1.4 Develop strategies for finding factors and multiples of whole numbers. 1.5 Demonstrate the Fundamental Theorem of Arithmetic with specified whole numbers. 1.6 Develop strategies to solve problems involving factors and multiples. 1.7 Describe and continue given number patterns.	CMP Prime Time Investigation 4, 5 Continue Unit Project  SFAW Middle School Math Course 1 5-2, 5-3	
17		Complete Unit Project	Self Assessment (Take Home) Unit Project
18			Formative Assessment
19-25	2.1 Explore the process of data investigation, such as posing	CMP Data About Us	

Day	Performance Standard	Instructional Materials	Evaluation
	questions, collecting data, analyzing data, and making interpretations to answer questions.	Investigation 1 – 1.1 & 1.2 may be combined Investigation 2 – 2.1 & 2.2 may be combined	
26			Check-Up Quiz
27-35	<p>2.2 Represent data using line graphs, bar graphs, stem-and-leaf plots, and coordinate graphs.</p> <p>2.3 Explore ways of describing data such as measures of center (mode, median, mean) and range or variability in the data.</p> <p>2.4 Develop strategies for comparing data sets.</p>	<p>CMP Data About Us Investigation 3 – 3.1, 3.2 Investigation 4 – 4.1, 4.2 Investigation 5 – 5.1, 5.2, 5.3, 5.4, 5.5</p> <p>SFAW Middle School Math Course 1 1-8</p>	
36			Formative Assessment
37-47	<p>3.1 Recognize, classify, and analyze polygons.</p> <p>3.2 Explore side-angle-shape connections of triangles, squares, rectangles, and parallelograms.</p> <p>3.3 Estimate the size of angles using reference to a right angle and other benchmark angles.</p>	<p>CMP Shapes and Designs Investigation 1 – Delete “4 In A Row” game. Investigation 2, 3</p>	
48			Check-Up Quiz
49-55	3.4 Develop strategies for solving problems involving polygons	CMP Shapes and Designs	

Day	Performance Standard	Instructional Materials	Evaluation
	and their properties.	Investigation 4, 5.	
56			Formative Assessment
57-67	<p>4.1 Model situations involving fractions, decimals, and percents.</p> <p>4.2 Develop and understanding of the relationships between fractions, decimals, and percents.</p> <p>4.3 Compare and order fractions.</p>	<p>CMP Bits and Pieces I Investigation 1, 2.</p> <p>SFAW Middle School Math Course 1 5-4, 55-, 5-6, 5-8</p>	
68			Check-Up Quiz
69-80	<p>4.4 Use equivalent fractions to reason about situations.</p> <p>4.5 Use benchmarks that relate different forms of representations for rational numbers (50% is the same as <math>\frac{1}{2}</math> and 0.5).</p> <p>4.6 Move flexibly between fraction, decimal, and percent representations.</p>	<p>CMP Bits and Pieces I Investigation 4, 5, 6.</p> <p>SFAW Middle School Math Course 1 5-7, 6-1, 6-2, 10-8, 10-9</p>	
81			Formative Assessment
82-93	5.1 Find areas and perimeters of rectangular shapes and non-rectangular shapes.	CMP Covering and Surrounding Investigation 1, 2, 3, 4	

Day	Performance Standard	Instructional Materials	Evaluation
	5.2 Develop procedures for finding areas and perimeters of rectangles. 5.3 Use area and perimeter to solve applied problems.		
94			Check-Up Quiz
95-107	5.4 Find perimeters and areas of non-rectangular figures by 'covering' the figures with grids, tiles, or other objects and 'surrounding' the figures with string, straight-line segments, or other objects. 5.5 Reason about spatial relationships. 5.6 Use models and representations of models to solve problems.	CMP Covering and Surrounding Investigation 5, 6, 7.	
108		Complete Unit Project	Check-up Quiz Unit Project
109			Formative Assessment
110-127	6.1 Estimate sums and differences of fractions and decimals. 6.2 Add and subtract fractions.	CMP Bits and Pieces II Investigation 1, 2, 3, 4  SFAW Middle School Math Course 1 10-8, 10-9, 10-10, 10-11. 6-1, 6-2, 6-5, 6-6.	

Day	Performance Standard	Instructional Materials	Evaluation
128			Check-Up Quiz
129-138	6.3 Use area to model multiplication of fractions. 6.4 Add, subtract, multiply, and divide with decimals.	CMP Bits and Pieces II Investigation 5, 6.  SFAW Middle School Math Course 1 3-5, 3-6, 3-7, 3-8, 3-9.	
139			Formative Assessment
140-145	7.1 Complete simple probability experiments. 7.2 Describe the relationship between experimental and theoretical probabilities. 7.3 Interpret statements of probability.	CMP How Likely Is It? Investigation 1, 2, 3.	
146			Check-Up Quiz
147-155	7.4 Develop strategies for finding experimental and theoretical probabilities. 7.5 Use data displayed in graphs and tallies to find experimental probabilities. 7.6 Organize data into lists or charts as a strategy for finding theoretical probabilities.	CMP How Likely Is It? Investigation 4, 5, 6.	

<b>Day</b>	<b>Performance Standard</b>	<b>Instructional Materials</b>	<b>Evaluation</b>
156			Formative Assessment
157-160		Review	
161			Summative Assessment