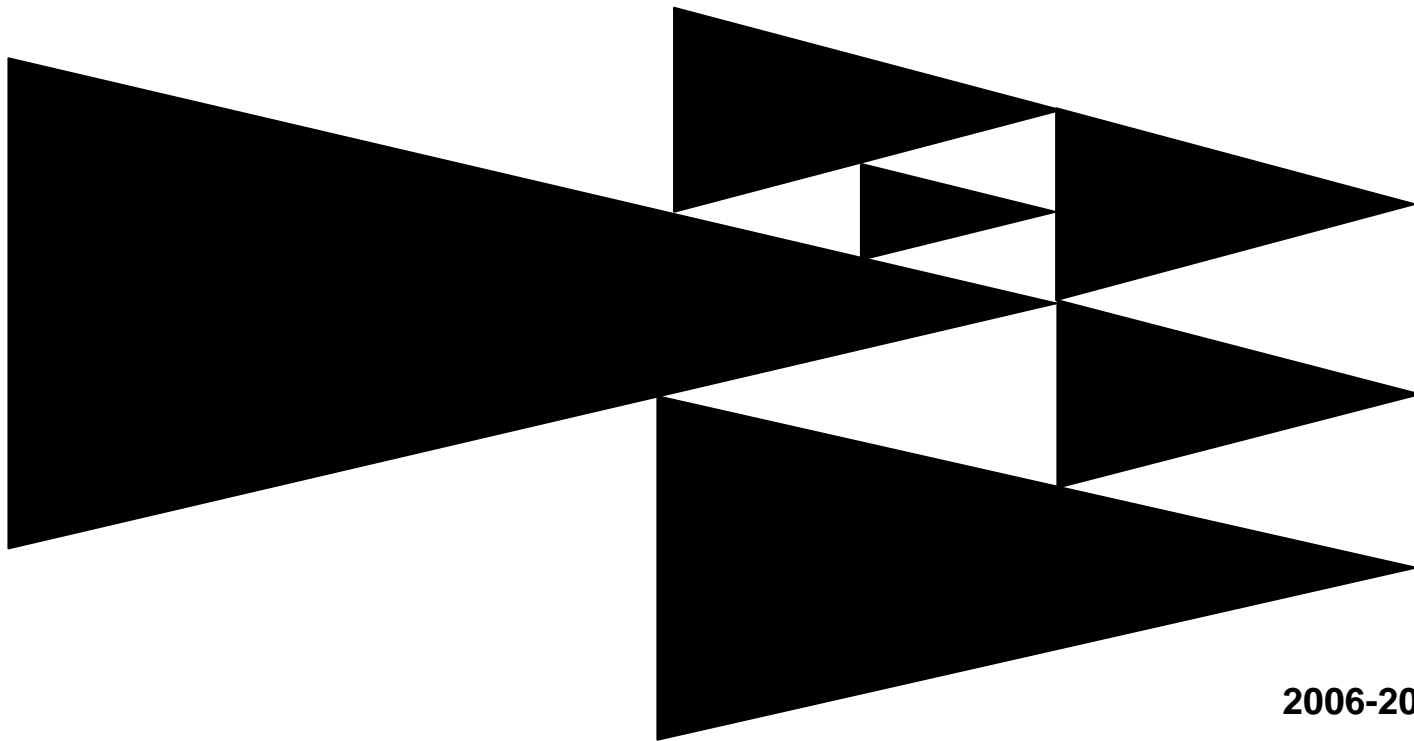


**pacing guide
 mathematics – m/j mathematics 2
 duval county schools
 version 2.0**



2006-2007

**M/J Mathematics 2 Pacing Guide
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Day	Performance Standard	Instructional Materials	Evaluation
1-10	9.1 Sketch coordinate graphs to show relationship between two variables. 9.2 Describe regular or predictable change in data from given patterns. 9.3 Select appropriate range of values for given variables.	CMP Variables and Patterns Investigation 1, 2.	
11			Check-Up Quiz
12-20	9.4 Create tables, graphs, and simple symbolic rules that describe the patterns of change. 9.5 Describe relationships among forms of data representation – words, tables, graphs, and symbolic rules. 9.6 Make decisions using tables, graphs, and rules.	CMP Variables and Patterns Investigation 3, 4	Quiz
21-22		CMP Variables and Patterns Investigation 5	
23			Formative Assessment
24-35	10.1 Identify similar figures visually and by comparing sides and angles. 10.2 Recognize that lengths between similar figures change by a constant scale factor.	CMP Stretching and Shrinking Investigation 1, 2, 3.	

Day	Performance Standard	Instructional Materials	Evaluation
	10.3 Build larger or smaller similar figures from copies of a basic shape. 10.4 Divide a shape into smaller, similar shapes.		
36			Check-Up Quiz
37-49	10.5 Describe the relationship between similarity and equivalent fractions. 10.6 Describe the effect of scale factor on length ratios and area ratios. 10.7 Determine and use scale factors to find unknown lengths. 10.8 Use the concept of similarity to solve real-world problems. 10.9 Use geometry software to explore similarity transformations. 10.10 Make connections between algebra and geometry.	CMP Stretching and Shrinking Investigation 4, 5, 6. SFAW Middle School Math Course 2 7-1, 7-2, 7-3, 7-4	
50			Formative Assessment
51-68	11.1 Demonstrate the use of the term 'ratio', 'proportion', and 'percent' to ask comparison questions. 11.2 Find equivalent ratios.	CMP Comparing and Scaling Investigation 1, 2, 3, 4. SFAW Middle School Math Course 2 3-1, 3-9 8-2, 8-3, 8-4, 8-6	
69			Check-Up Quiz

Day	Performance Standard	Instructional Materials	Evaluation
70-79	11.4 Represent data in tables and graphs. 11.5 Set up and solve proportions that arise in applications. 11.6 Look for patterns in tables that will allow predictions to be made beyond the tables.	CMP Comparing and Scaling Investigation 5, 6.	
80			Formative Assessment
81-93	12.1 Represent integers on the number line. 12.2 Model situations with integers. 12.3 Compare integers using $<$, $=$, and $>$ symbols.	CMP Accentuate the Negative Investigation 1, 2. SFAW Middle School Math Course 2 9-1, 9-2	
94			Check-Up Quiz
95-110	12.4 Develop strategies for adding, subtracting, multiplying, and dividing integers. 12.5 Use integers to solve problems. 12.6 Find inverses for given integers. 12.7 Sketch coordinate graphs in four quadrants.	CMP Accentuate the Negative Investigation 3, 4, 5. SFAW Middle School Math Course 2 9-4, 9-5, 9-6, 9-7	
111			Formative Assessment
112-125	13.1 Conceptualize volume as a measure of <i>filling</i> an object. 13.2 Conceptualize surface area as a measure of <i>wrapping</i> an object. 13.3 Find volume and surface areas for rectangular prisms.	CMP Filling and Wrapping Investigation 1, 2, 3.	

Day	Performance Standard	Instructional Materials	Evaluation
126			Check-Up Quiz
127-139	13.4 Find volume and surface area for cylinders. 13.5 Reason about problems involving the surface areas and volumes of rectangular prisms, cylinders, cones, and spheres.	CMP Filling and Wrapping Investigation 4, 5, 6, 7.	
140			Formative Assessment
141-147	15.1 Review the understanding of experimental and theoretical probabilities and the relationship between them. 15.2 Make the distinction between single, specific outcomes and sets of outcomes that comprise an event.	CMP What Do You Expect? Investigation 1, 2, 3.	
148			Check-Up Quiz
149-162	15.3 Analyze situations involving independent events. 15.4 Analyze situations involving dependent events. 15.5 Use probability and equivalent fractions to find expected values. 15.6 Develop a variety of strategies for analyzing probabilities, such as using lists, counting trees, and area models. 15.7 Determine the expected value of a chance situation.	CMP What Do You Expect? Investigation 4, 5, 6.	

Day	Performance Standard	Instructional Materials	Evaluation
163			Formative Assessment
164-171	Review		
172			Summative Assessment