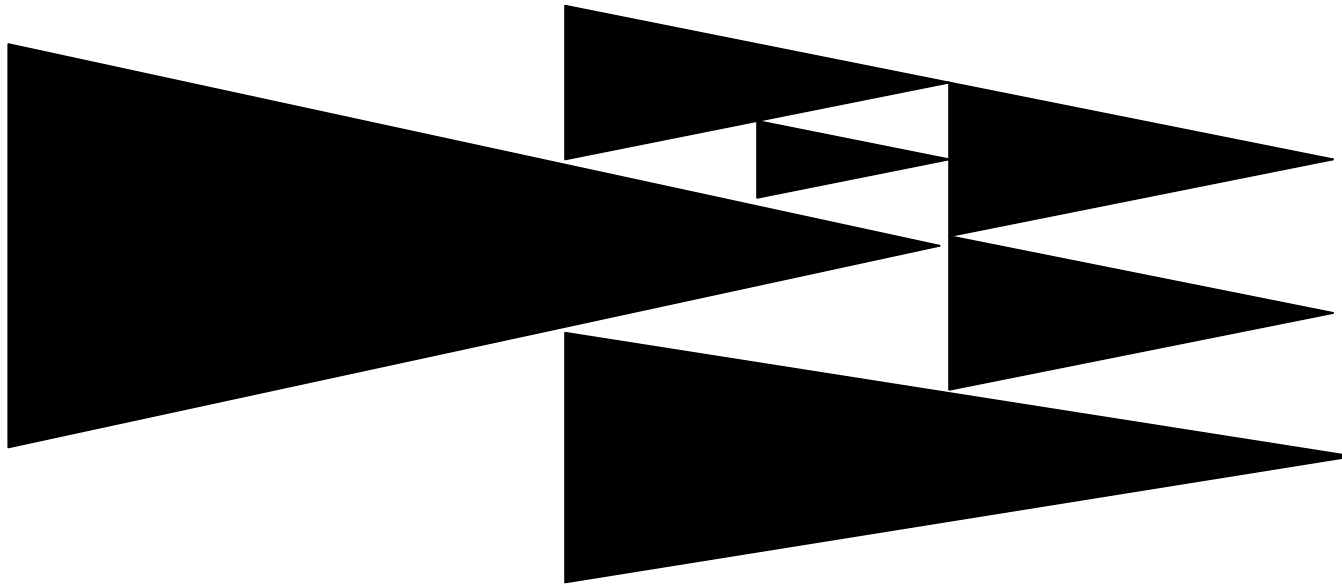


**pacing guide
intensive mathematics
duval county schools**



Intensive Mathematics Pacing Guide

Day	Performance Standard	Instructional Materials	Evaluation
1-8	<p>The student will:</p> <ul style="list-style-type: none"> 1.1 Represent integers on the number line. 1.2 Model situations with integers. 1.3 Compare integers using $<$, $=$, and $>$ symbols. 1.4 Develop strategies for adding, subtracting, multiplying, and dividing integers. 1.8 Use intuitive ideas about rates of change to sketch graphs for or to match graphs to given situations and to create situations that fit given graphs. 2.1 Explore the process of data investigation, such as posing questions, collecting data, analyzing data, and making interpretations to answer questions. 2.2 Represent data using line graphs, bar graphs, stem-and-leaf plots, and coordinate graphs. 2.3 Explore ways of describing data such as measures of center (mode, median, mean) and range or variability in the data. 2.4 Develop strategies for comparing data sets. 	<p>FFA Year 1 Chapter 1 – Algebra Rocks! Integers and Data Interpretation</p> <ul style="list-style-type: none"> Day 1 AR-1 through AR-8 Day 2 AR-10 through AR-19 Day 3 AR-20 through AR-34 Day 4 AR-35 through AR-47 Day 5 AR-48 through AR-60 Day 6 AR-61 through AR-72 Day 7 AR-73 through AR-83 Day 8 Ar-84 through AR-90 	Pairs Quiz
9			Formative Assessment
10-18	<p>The student will:</p> <ul style="list-style-type: none"> 1.4 Develop strategies for adding, subtracting, multiplying, and dividing integers. 1.6 Find the absolute value for given real numbers. 1.8 Sketch coordinate graphs in four quadrants. 9.1 Write symbolic sentences that communicate their reasoning. 	<p>FFA Year 1 Chapter 2 – The Game Show: Integers and Solving Equations</p> <ul style="list-style-type: none"> Day 1 GS-1 through GS-13 Day 2 GS-14 through GS-23 Day 3 GS-24 through GS-34 	Pairs Quiz

Day	Performance Standard	Instructional Materials	Evaluation
		Day 4 GS-35 through GS-44 Day 5 GS-45 through GS-58 Day 6 GS-59 through GS-72 Day 7 GS-73 through GS-83 Day 8 GS-84 through GS-90 Day 9 GS-91 through GS-99	
19			Formative Assessment
20-28	The student will: 1.4 Develop strategies for adding, subtracting, multiplying, and dividing integers. 1.5 Find inverses for given integers. 1.7 Evaluate expressions by applying the rules of order of operations. 4.1 Model situations involving fractions, decimals, and percents. 4.2 Develop an understanding of the relationships between fractions, decimals, and percents. 4.3 Compare and order rational numbers. 4.4 Move flexibly between fractions, decimals, and percent representations. 9.1 Write symbolic sentences that communicate their reasoning.	FFA Year 1 Chapter 3: The Pig Race: Order of Operations Day 1 PR-1 through Pr-12 Day 2 PR-13 through PR-23 Day 3 PR-24 through PR-34 Day 4 PR-35 through PR-48 Day 5 PR-49 through PR-63 Day 6 PR-64 through PR-77 Day 7 PR-78 through PR-89 Day 8 PR-90 through PR-100 Day 9 PR-101 through PR-111	Pairs Quiz
29			Formative Assessment

Day	Performance Standard	Instructional Materials	Evaluation
30-42	<p>The student will:</p> <p>3.2 Link area and dimensions of rectangles with products and factors.</p> <p>6.1 Find areas and perimeters of rectangular shapes and non-rectangular shapes.</p> <p>6.2 Develop procedures for finding areas and perimeters of rectangles, parallelograms, triangles, and circles.</p> <p>6.3 Find areas of parallelograms, triangles, and trapezoids.</p>	<p>FFA Year 1</p> <p>Chapter 4 – Mrs. Poppington Sees the World: Area and Multiplication</p> <p>Day 1 MP-1 through MP-9</p> <p>Day 2 MP-10 through MP-22</p> <p>Day 3 MP-23 through MP33</p> <p>Day 4 MP-34 through MP-48</p> <p>Day 5 MP49 through MP-63</p> <p>Day 6 MP-64 through MP-75</p> <p>Day 7 MP76 through MP-91</p> <p>Day 8 MP-92 through MP-03</p> <p>Day 9 MP-104 through MP-118</p> <p>Day 10MP-119 through MP-125</p> <p>Day 11MP-126 through MP-135</p>	Pairs Quiz
43			Formative Assessment
44-54	<p>The student will:</p> <p>3.1 Understand the relationships among factors, multiples, divisors, and products.</p> <p>3.2 Link area and dimensions of rectangles with products and factors.</p> <p>3.3 Identify numbers as prime or composites and as odd or even based on their factors.</p> <p>3.4 Develop strategies for finding factors and multiples of whole numbers.</p> <p>3.5 Demonstrate the Fundamental Theorem of Arithmetic with specified whole numbers.</p>	<p>FFA Year 1</p> <p>Chapter 5 – The Giant 1: Ratios, Measurement, and Equivalent Fractions</p> <p>Day 1 GO-1 through GO-11</p> <p>Day 2 GO-12 through GO-21</p> <p>Day 3 GO-22 through GO-33</p> <p>Day 4 GO-34 through GO-50</p> <p>Day 5 GO-51 through GO-64</p> <p>Day 6 GO-65 through GO-78</p> <p>Day 7 GO-79 through GO-89</p>	Pairs Quiz

Day	Performance Standard	Instructional Materials	Evaluation
	3.6 Develop strategies to solve problems involving factors and multiples. 4.2 Develop an understanding of the relationships between fractions, decimals, and percents. 4.3 Compare and order rational numbers. 4.4 Move flexibly between fractions, decimals, and percent representations. 4.5 Add, subtract, multiply, and divide with fractions. 4.6 Add, subtract, multiply, and divide with decimals. 5.1 Demonstrate the use of the term ‘ratio’, ‘proportion’, and ‘percent’ to ask comparison questions. 5.2 Find equivalent ratios. 5.3 Set up and solve proportions that arise in applications.	Day 8 GO-90 through GO-104 Day 9 and Day 10 GO-105 through GO-122	
55			Formative Assessment
56-65	The student will: 5.1 Demonstrate the use of the term ‘ratio’, ‘proportion’, and ‘percent’ to ask comparison questions. 5.2 Find equivalent ratios. 5.3 Set up and solve proportions that arise in applications. 7.3 Identify similar figures visually and by comparing sides and angles. 7.4 Recognize that lengths between similar figures change by a constant scale factor. 7.5 Determine and use scale factors to find unknown lengths.	FFA Year 1 Chapter 6 – Millions and Billions: Ratio and Proportion Day 1 MB-1 through MB-16 Day 2 MB-17 through MB-30 Day 3 MB-31 through MB-44 Day 4 MB-45 through MB_52 Day 5 MB-53 through MB-70 Day 6 MB-71 through MB-85 Day 7 MB-86 through MB-98 Day 8 MB-99 through MB-107 Day 9 MB-108 through MB-117 Day 10 MB-118 through MB-133	

Day	Performance Standard	Instructional Materials	Evaluation
66			Formative Assessment
69-78	<p>The student will:</p> <p>4.2 Develop an understanding of the relationships between fractions, decimals, and percents.</p> <p>4.3 Compare and order rational numbers.</p> <p>4.4 Move flexibly between fractions, decimals, and percent representations.</p> <p>4.5 Add, subtract, multiply, and divide with fractions.</p> <p>4.6 Add, subtract, multiply, and divide with decimals.</p>	<p>FFA Year 1 Chapter 7 – The Garcias’ New House: Operations with fractions and Decimals</p> <p>Day 1 GH-1 through GH-14 Day 2 GH-15 through GH-27 Day 3 GH-28 through GH-39 Day 4 GH-40 through GH-54 Day 5 GH-55 through GH-71 Day 6 GH-72 through GH-84 Day 7 GH-85 through GH-98 Day 8 GH-99 through GH-114 Day 9 GH-115 through GH-124 Day 10 GH-125 through GH-138 Day 11 GH-138 through GH-151 Day 12 GH-152 through Gh-159</p>	Pairs Quiz
79			Formative Assessment
80-88	<p>The student will:</p> <p>7.1 Recognize, classify, and analyze polygons.</p> <p>7.2 Recognize and describe symmetries of figures.</p> <p>7.3 Identify similar figures visually and by comparing sides and</p>	<p>FFA Year 1 Chapter 8 – Mars Colony: Geometry, Properties, and Equations</p> <p>Day 1 MC-1 through MC-15</p>	Pairs Quiz

Day	Performance Standard	Instructional Materials	Evaluation
	angles. 7.6 Recognize that lengths between similar figures change by a constant scale factor. 7.7 Reason about spatial relationships. 9.2 Recognize and interpret equivalent expressions.	Day 2 CM-16 through MC-35 Day 3 MC-36 through MC-50 Day 4 MC-51 through MC-65 Day 5 MC-66 through MC-83 Day 6 MC-84 through MC-102 Day 7 MC-103 through MC-118 Day 8 MC-119 through MC-133 Day 9 MC-134 through MC-151	
89			Formative Assessment
90-99	The student will: 6.5 Find volumes and surface areas for rectangular prisms. 6.6 Find volumes and surface areas for cylinders. 6.7 Use models and representations of models to solve area and volume problems.	FFA Year 1 Chapter 9 – Zappo Cola Containers: Circles and Cylinders Day 1 ZC-1 through ZC-9 Day 2 ZC-10 through ZC-19 Day 3 ZC-20 through ZC-29 Day 4 ZC-30 through ZC-42 Day 5 ZC-43 through ZC-57 Day 6 ZC-58 through ZC-71 Day 7 ZC-72 through ZC-83 Day 8 ZC-84 through ZC-94 Day 9 ZC-95-ZC102 Day 10 ZC-103 through ZC-113	Pairs Quiz
100			Formative Assessment

Day	Performance Standard	Instructional Materials	Evaluation
101-111	<p>The student will:</p> <p>8.1 Interpret statements of probability</p> <p>8.2 Represent possible outcomes in tables, grids, and tree diagram.</p>	<p>FFA Year 1</p> <p>Chapter 10 – The Jar of Marbles: Probability, Statistics, and Interpreting Data</p> <p>Day 1 JM-1 through JM-14</p> <p>Day 2 JM-15 through JM-29</p> <p>Day 3 JM-30 through JM-42</p> <p>Day 4 JM-43 through JM-57</p> <p>Day 5 JM-58 through JM-74</p> <p>Day 6 JM-75 through JM-87</p> <p>Day 7 JM-88 through JM-100</p> <p>Day 8 JM-101 through JM-114</p> <p>Day 9 JM-115 through JM-127</p> <p>Day 10 JM-128 through JM 140</p> <p>Day 11 JM-141 through JM-143</p>	Pairs Quiz
112			Formative Assessment
113-115		Review	
116			Summative Assessment