

enVisionMATH Florida Correlation

Grade 5

BIG IDEA 1: <i>Develop an understanding of and fluency with division of whole numbers.</i>		
BENCHMARK CODE	BENCHMARK	
MA.5.A.1.1	Describe the process of finding quotients involving multi-digit dividends using models, place value, properties, and the relationship of division to multiplication.	enVisionMATH Florida Student and Teacher's Editions: Topic 1: Lessons 1–1, 1–2, 1–3 Topic 2: Lessons 2–1, 2–2, 2–3, 2–7 Topic 3: Lesson 3–1, 3–8
MA.5.A.1.2	Estimate quotients or calculate them mentally depending on the context and numbers involved.	enVisionMATH Florida Student and Teacher's Editions: Topic 1: Lessons 1–2, 1–3, 1–4 Topic 2: Lesson 2–6 Topic 3: Lessons 3–1, 3–2, 3–3, 3–7
MA.5.A.1.3	Interpret solutions to division situations including those with remainders depending on the context of the problem.	enVisionMATH Florida Student and Teacher's Editions: Topic 1: Lessons 1–6, 1–7
MA.5.A.1.4	Divide multi-digit whole numbers fluently, including solving real-world problems, demonstrating understanding of the standard algorithm and checking the reasonableness of results.	enVisionMATH Florida Student and Teacher's Editions: Topic 2: Lessons 2–2, 2–4, 2–5, 2–6 Topic 3: Lessons 3–3, 3–4, 3–5, 3–6, 3–7

BIG IDEA 2: <i>Develop an understanding of and fluency with addition and subtraction of fractions and decimals.</i>		
BENCHMARK CODE	BENCHMARK	
MA.5.A.2.1	Represent addition and subtraction of decimals and fractions with like and unlike denominators using models, place value or properties.	enVisionMATH Florida Student and Teacher's Editions: Topic 6: Lessons 6–4, 6–5, 6–6 Topic 7: Lessons 7–6, 7–8, 7–10 Topic 8: Lessons 8–2, 8–3, 8–4 Topic 9: Lessons 9–1, 9–2
MA.5.A.2.2	Add and subtract fractions and decimals fluently and verify the reasonableness of results, including in problem situations.	enVisionMATH Florida Student and Teacher's Editions: Topic 6: Lessons 6–7, 6–8, 6–9, 6–10 Topic 7: Lessons 7–7, 7–9 Topic 8: Lessons 8–3, 8–4, 8–6, 8–7 Topic 9: Lessons 9–3, 9–4, 9–5, 9–6
MA.5.A.2.3	Make reasonable estimates of fraction and decimal sums and differences, and use techniques for rounding.	enVisionMATH Florida Student and Teacher's Editions: Topic 6: Lessons 6–1, 6–3 Topic 8: Lesson 8–5

		Topic 9: Lessons 9–3, 9–4
MA.5.A.2.4	Determine the prime factorization of numbers.	enVisionMATH Florida Student and Teacher's Editions: Topic 7: Lesson 7–4

BIG IDEA 3: Describe three-dimensional shapes and analyze their properties, including volume and surface area.

BENCHMARK CODE	BENCHMARK	
MA.5.G.3.1	Analyze and compare the properties of two-dimensional figures and three-dimensional solids (polyhedral), including the number of edges, faces, vertices, and types of faces.	enVisionMATH Florida Student and Teacher's Editions: Topic 13: Lessons 13–1, 13–2, 13–3, 13–4, 13–5
MA.5.G.3.2	Describe, define and determine surface area and volume of prisms by using appropriate units and selecting strategies and tools	enVisionMATH Florida Student and Teacher's Editions: Topic 14: Lessons 14–1, 14–2, 14–3, 14–4, 14–5, 14–6

SUPPORTING IDEA 4: Algebra

BENCHMARK CODE	BENCHMARK	
MA.5.A.4.1	Use the properties of equality to solve numerical and real world situations.	enVisionMATH Florida Student and Teacher's Editions: Topic 4: Lessons 4–5, 4–6, 4–7
MA.5.A.4.2	Construct and describe a graph showing continuous data, such as a graph of a quantity that changes over time.	enVisionMATH Florida Student and Teacher's Editions: Topic 5: Lesson 5–4, 5–5, 5–6

SUPPORTING IDEA 5: Geometry and Measurement

BENCHMARK CODE	BENCHMARK	
MA.5.G.5.1	Identify and plot ordered pairs on the first quadrant of the coordinate plane.	enVisionMATH Florida Student and Teacher's Editions: Topic 5: Lessons 5–1, 5–2, 5–4, 5–5, 5–6
MA.5.G.5.2	Compare, contrast, and convert units of measure within the same dimension (length, mass, or time) to solve problems.	enVisionMATH Florida Student and Teacher's Editions: Topic 10: Lesson 10–1, 10–2, 10–3, 10–4 Topic 11: Lessons 11–1, 11–2, 11–3, 11–4, 11–5
MA.5.G.5.3	Solve problems requiring attention to approximation, selection of appropriate measuring tools, and precision of measurement.	enVisionMATH Florida Student and Teacher's Editions: Topic 10: Lessons 10–1, 10–3 Topic 11: Lessons 11–1, 11–3 Topic 12: Lesson 12–1
MA.5.G.5.4	Derive and apply formulas for areas of parallelograms, triangles, and trapezoids from the area of a rectangle.	enVisionMATH Florida Student and Teacher's Editions: Topic 12: Lessons 12–2, 12–3, 12–4, 12–5, 12–6

SUPPORTING IDEA 6: <i>Number and Operations</i>		
BENCHMARK CODE	BENCHMARK	
MA.5.A.6.1	Identify and relate prime and composite numbers, factors and multiples within the context of fractions.	enVisionMATH Florida Student and Teacher's Editions: Topic 7: Lessons 7–1, 7–2, 7–3, 7–4, 7–5 Topic 8: Lesson 8–1
MA.5.A.6.2	Use the order of operations to simplify expressions which include exponents and parentheses.	enVisionMATH Florida Student and Teacher's Editions: Topic 4: Lessons 4–1, 4–2, 4–3
MA.5.A.6.3	Describe real-world situations using positive and negative numbers.	enVisionMATH Florida Student and Teacher's Editions: Topic 16: Lessons 16–1, 16–4
MA.5.A.6.4	Compare, order, and graph integers, including integers shown on a number line.	enVisionMATH Florida Student and Teacher's Editions: Topic 16: Lessons 16–2, 16–3
MA.5.A.6.5	Solve non-routine problems using various strategies including “solving a simpler problem” and “guess, check, and revise.”	enVisionMATH Florida Student and Teacher's Editions: Topic 1: Lesson 1–5 Topic 3: Lesson 3–8 Topic 4: Lesson 4–4 Topic 5: Lesson 5–3 Topic 6: Lesson 6–2 Topic 7: Lesson 7–11 Topic 10: Lesson 10–5 Topic 11: Lesson 11–6 Topic 12: Lesson 12–7 Topic 13: Lesson 13–5 Topic 14: Lesson 14–6 Topic 16: Lesson 16–5

SUPPORTING IDEA 7: <i>Data Analysis</i>		
BENCHMARK CODE	BENCHMARK	
MA.5.S.7.1	Construct and analyze line graphs and double bar graphs.	enVisionMATH Florida Student and Teacher's Editions: Topic 13: Lessons 15–1, 15–2, 15–3, 15–4, 15–5, 15–6
MA.5.S.7.2	Differentiate between continuous and discrete data and determine ways to represent those using graphs and diagrams	enVisionMATH Florida Student and Teacher's Editions: Topic 15: Lessons 15–1, 15–4, 15–6, 15–7