Marietta City Schools Grade 4 Math Curriculum Map

Unit Name	Unit 1 Making Relevant Connections with Place Value Understanding, Addition & Subtraction of Whole Numbers	Unit 2 Exploring Real Life Phenomena through Patterning & Algebraic Reasoning	Unit 3 Reasoning about Multiplication & Division	Unit 4 Investigating Fractions & Decimal		Unit 5 Building Conceptual Understanding of Angle Measurement	Unit 6 Reasoning with Shapes	Unit 7 Culminating Capstone Unit
Time Frame	**4-5 weeks**	**4-5 weeks**	**4-5 weeks**	**7-8 weeks**		**3-4 weeks**	**4-5 weeks**	**2-3 weeks**
Standards	**4.NR.1.1 4.NR.1.2 4.NR.1.3 4.NR.1.4 4.NR.2.1 4.NR.2.5 4.MDR.6.2 4.MP.1-8**	**4.PAR.3.1 4.PAR.3.2 4.PAR.3.3 4.PAR.3.4 4.MDR.6.2 4.MP.1-8**	**4.NR.2.2 4.NR.2.3 4.NR.2.4 4.NR.2.5 4.MDR.6.1 4.MP.1-8**	**4.NR.4.1 4.NR.4.2 4.NR.4.3 4.NR.4.4 4.NR.4.5 4.NR.4.6**	**4.NR.5.1 4.NR.5.2 4.NR.5.3 4.MDR.6.1 4.MDR.6.2 4.MDR.6.3 4.MP.1-8**	**4.GSR.7.1 4.GSR.7.2 4.MP.1-8**	**4.GSR.8.1 4.GSR.8.2 4.GSR.8.3 4.MP.1-8**	**ALL STANDARDS**
	The Framework for Statistical Reasoning & the Mathematical Modeling Framework should be taught throughout the units. The K-12 Mathematical Practices should be evidenced at some point throughout each unit depending on the tasks that are explored. It is important to note that MPs 1, 3 and 6 should support the learning in every lesson.							
Content Specific Information	• Recognize patterns within the base then place value system to compare and round multi-digit whole numbers • Add, subtract, & round numbers within 100,000 • Problem solving with money, intervals of time, & metric measurements for liquid volume, distance, & weight • Engage in the framework for statistical reasoning to ask & answer questions in order to solve problems	• Build on understanding of growing & repeating patterns of 1s, 5s, 10s, & shapes to generate number & shape patterns that follow a rule • patterns in addition, subtraction, multiplication, and division • Explore factor pairs & prime & composite numbers	• Build on understanding of multiplying & dividing numbers within 100 by multiplying multi-digit numbers by a one-digit number or two two-digit numbers as well as dividing four-digit numbers with one-digit divisors. • Problem solving with money, intervals of time, & metric measurements for liquid volume, distance, & weight	• Build on understanding of partitioning shapes into equal parts & determining equivalences to compare fractions less than 1 • Add & subtract fractions with like denominators, & measure to the nearest 1 8 of an inch		• Understand degrees using a 360° protractor • Begin measuring and exploring angles as an attribute to shapes	• Build on understanding of 2-D & 3-D shapes to extend the exploration of the many attributes of two-dimensional shapes • Solve problems involving area and perimeter	The capstone unit is an interdisciplinary unit that allows students to create a presentation, report, or demonstration that could include their models used to answer an overarching driving question. (e.g., Students can present their solution(s), findings, project, or answer to the driving question to a larger audience during the culminating capstone unit.)
Additional Resources for Instruction & Assessment	Savvas Topic 1 Savvas Topic 2 MIP Module 3 MIP Module 4	Savvas Topic 7 Savvas Topic 14 MIP Module 2	Savvas Topic 3 Savvas Topic 4 Savvas Topic 5 Savvas Topic 6 Savvas Topic 10 MIP Module 1 MIP Module 5 MIP Module 6	Savvas Topic 8 Savvas Topic 9 Savvas Topic 11 Savvas Topic 12 MIP Module 7 MIP Module 8 MIP Module 10		Savvas Topic 15 MIP Module 11 MIP Module 13	Savvas Topic 13 Savvas Topic 16 MIP Module 12 MIP Module 14	All Resources
Differentiation For Tiered Learners	Marietta City Schools teachers provide specific differentiation of learning experiences for all students.							