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| **Semester 1**  | **Semester 2** |
| **Unit 1**6 weeks | **Unit 2**4 weeks | **Unit 3**8 weeks | **Unit 4A** 5 weeks | **Unit 4B** 4 weeks | **Unit 5** 3 weeks | **Unit 6** 4 weeks | **Unit 7**2 weeks |
| **Making Relevant Connections with Place Value Understanding, Addition & Subtraction of Whole Numbers** **4.NR.1****4.NR.2****4.MDR.6** | **Exploring Real Life Phenomena through Patterning & Algebraic Reasoning****4.PAR.3****4.MDR.6** | **Reasoning about Multiplication & Division****4.NR.2****4.MDR.6** | **Investigating Fractions & Decimal****4.NR.4** | **Investigating Fractions & Decimal****4.NR.5****4.MDR.6** | **Building Conceptual Understanding of Angle Measurement****4.GSR.7** | **Reasoning with Shapes****4.GSR.8** | **Culminating Capstone Unit**  |
| **4.NR.1.1**(Read & write multi-digit whole numbers)**4.NR.1.2**(Powers of 10)**4.NR.1.3**(Compare and order whole numbers)**4.NR.1.4**(Place value rounding)**4.NR.2.1**(Fluently add/subtract, properties/relationships of operations)**4.NR.2.5**(Multi-step word problems with addition & subtraction)**4.MDR.6.2**(Ask & answer questions based on gathered information)**4.MP.1-8** | **4.PAR.3.1**(Generate number and shape patterns)**4.PAR.3.2**(Input-output rules, tables, and charts)**4.PAR.3.3**(Factor pairs and multiples 1-100)**4.PAR.3.4**(Composite and prime numbers)**4.MDR.6.2**(Ask & answer questions based on gathered information)**4.MP.1-8** | **4.NR.2.2**(Multiplicative comparison)**4.NR.2.3**(Multiply 2-digit by 2-digit and 4-digit by 1-digit)**4.NR.2.4**(Division with whole number quotients and remainders)**4.NR.2.5**(Multi-step word problems with all four operations)**4.MDR.6.1**(Word problems-elapsed time, metric measurement)**4.MDR.6.2**(Ask & answer questions based on gathered information)**4.MP.1-8** | **4.NR.4.1**(Equivalent fractions and fractions greater than 1)**4.NR.4.2**(Compare fractions same numerators/denominators)**4.NR.4.3**(Compare fractions with different numerators/denominators)**4.NR.4.4**(Sum of unit fractions-fractions & whole numbers)**4.NR.4.5**(Sum of a fraction in more than one way)**4.NR.4.6**(Add/subtract fractions & mixed numbers with like denominators)**4.MDR.6.3**(Dot Plots)**4.MP.1-8** | **4.NR.5.1**(Denominators 10 and 100)**4.NR.5.2**(Decimal notation)**4.NR.5.3**(Comparing decimals)**4.MDR.6.1**(Word problems-elapsed time, metric measurement, involving fractions with like denominators)**4.MDR.6.2**(Ask & answer questions based on gathered information)**4.MP.1-8** | **4.GSR.7.1**(Types of angles)**4.GSR.7.2**(Angles measure referenced to circle)**4.MP.1-8** | **4.GSR.8.1**(Points, lines, angles, and symmetry in 2-D figures)**4.GSR.8.2**(Classifying polygons) **4.GSR.8.3**(Area and perimeter of composite rectangles)**4.MP.1-8** | **ALL STANDARDS**  |
| Units contain tasks that depend upon the concepts addressed in earlier units. Mathematical standards are interwoven and should be addressed throughout the year in as many different units and tasks as possible in order to stress the natural connections that exist among mathematical topics. |
| ***The*** [***Framework for Statistical Reasoning***](https://lor2.gadoe.org/gadoe/file/5e835b39-307f-4d61-aa50-6e3f58edbf22/1/K-12-Statistical-Reasoning-Framework.pdf) ***& the*** [***Mathematical Modeling Framework***](https://lor2.gadoe.org/gadoe/file/ee2c72a4-900c-4b2a-9fc6-82e13dc17261/1/K-12-Mathematical-Modeling-Framework.pdf) ***should be taught throughout the units. The*** [***K-12 Mathematical Practices***](https://lor2.gadoe.org/gadoe/file/3cd8fd52-2df7-490f-b716-846f0abaaeb5/1/K-12-Mathematical-Practices.pdf) ***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.*** |
| Marietta City Schools teachers provide specific differentiation of learning experiences for all students.  |
| Savvas Topic 1 Savvas Topic 2 MIP Module 3 MIP Module 4  | Savvas Topic 7Savvas Topic 14MIP Module 2  | Savvas Topic 3Savvas Topic 4Savvas Topic 5Savvas Topic 6Savvas Topic 10MIP Module 1 MIP Module 5MIP Module 6  | Savvas Topic 8Savvas Topic 9Savvas Topic 11Savvas Topic 12 MIP Module 7MIP Module 8MIP Module 10 | Savvas Topic 8Savvas Topic 9Savvas Topic 11Savvas Topic 12 MIP Module 7MIP Module 8MIP Module 10 | Savvas Topic 15MIP Module 11MIP Module 13  | Savvas Topic 13Savvas Topic 16MIP Module 12MIP Module 14 | All Resources  |