

## Marietta City Schools Pacing Guide

**Subject: Honors Math**

**Grade Level: 6th Grade**

**Time Frame: Year Long**

First Quarter/Grading Period

Month / Week	CCS Benchmarks	Skills/Activities	Resources	Assessment
August	6.EE.1	Review Operational Facts (PEMDAS)	Beginning of Year Diagnostic and Placement Tests	STAR DIAGONSTIC
September	6.NS.5 6.NS.6 6.NS.7	Unit - 1 Numbers. Module - 1 Integers 1 - Identifying Integers and Opposites 2 - Comparing and Ordering Integers 3 - Absolute Values	<ul style="list-style-type: none"> <li>● Go Math Software</li> <li>● Interactive Lessons</li> <li>● Formative Pre and Post Tests</li> <li>● Number Lines</li> </ul>	<ul style="list-style-type: none"> <li>● GO Math Software (Formative and Summative)</li> <li>● Lesson Quizzes</li> <li>● Module 1 Test</li> </ul>
September	6.NS.5 6.NS.6 6.NS.7	Unit - 1 Numbers, Module - 3 Rational Numbers 1 - Classifying Rational Numbers 2 - Opposites and Absolute Value of Rational 3 - Comparing/Ordering Rational Numbers	<ul style="list-style-type: none"> <li>● Go Math Software</li> <li>● Interactive Lessons</li> <li>● Formative Pre and Post Tests</li> <li>● Real Numbers Diagrams</li> </ul>	<ul style="list-style-type: none"> <li>● GO Math Software (Formative and Summative)</li> <li>● Lesson Quizzes</li> <li>● Module 3</li> </ul>
October	6.NS.2 6.NS.3	Unit - 2 Number Operations. Module - 5 Operations with Decimals 1 - Dividing Whole Numbers 2 - Adding & Subtracting Decimals 3 - Multiplying Decimals 4 - Dividing Decimals 5 - Applying Operations with Rational	<ul style="list-style-type: none"> <li>● Go Math Software</li> <li>● Interactive Lessons</li> <li>● Formative Pre and Post Tests</li> <li>● Non-Calculator Practice</li> <li>● Guided Grid Paper(Division of Decimals)</li> </ul>	<ul style="list-style-type: none"> <li>● GO Math Software (Formative and Summative)</li> <li>● Lesson Quizzes</li> <li>● Module 5</li> </ul>
October	6.NS.4	Unit - 1 Numbers. Module - 2 Factors and Multiples 1 - Greatest Common Factor 2 - Least Common Multiple	<ul style="list-style-type: none"> <li>● Go Math Software</li> <li>● Interactive Lessons</li> <li>● Formative Pre and Post Tests</li> <li>● Venn Diagrams</li> <li>● Halloween Math</li> </ul>	<ul style="list-style-type: none"> <li>● Go Math Software</li> <li>● Lesson Quizzes</li> <li>● Module 2 Test</li> <li>● Unit 1 Test</li> <li>● STAR DIAGONSTIC</li> </ul>

Second Quarter/Grading Period

Month / Week	CCS Benchmarks	Skills/Activities	Resources	Assessment
November	6.NS.1 6.NS.2 6.NS.3 6.NS.4	Unit - 2 Number Operations. Module - 4 Operations with Fractions ***Fraction Review*** 1 - Applying GCF and LCM to Fractions 2 - Dividing Fractions 3 - Dividing Mixed Numbers 4 - Multi-step Problems with Fractions & Mixed Numbers	<ul style="list-style-type: none"> <li>● Go Math Software</li> <li>● Interactive Lessons</li> <li>● Formative Pre and Post Tests</li> <li>● Venn Diagrams</li> <li>●</li> </ul>	<ul style="list-style-type: none"> <li>● GO Math Software (Formative and Summative)</li> <li>● Lesson Quizzes</li> <li>● Module 4 Test</li> <li>● Unit 2 Test</li> </ul>
November	6.EE.1	Unit - 4 Equivalent Expressions. Module 9 Generating Equivalent Numerical Expressions 1 - Exponents 2 - Prime Factorization 3 - Order of Operations	<ul style="list-style-type: none"> <li>● Go Math Software</li> <li>● Interactive Lessons</li> <li>● Formative Pre and Post Tests</li> <li>● Birthday Cake/Tree Method</li> </ul>	<ul style="list-style-type: none"> <li>● GO Math Software (Formative and Summative)</li> <li>● Lesson Quizzes</li> <li>● Prime Numbers Quiz</li> <li>● Module 9 Test</li> <li>● STAR</li> </ul>
November December	6.RP.1 6.RP.2 6.RP.3	Unit 3 - Proportions, Ratios, Rates. Module 6 - Representing Ratios & Rates 1 - Ratios 2 - Rates 3 - Using Ratios & Rates to Solve Problems	<ul style="list-style-type: none"> <li>● Go Math Software</li> <li>● Interactive Lessons</li> <li>● Formative Pre and Post Tests</li> <li>● Skittles/M&amp;M Activity</li> <li>● Pocket \$ Ratios</li> <li>● "Grocery Recipe Shopping" Activity</li> </ul>	<ul style="list-style-type: none"> <li>● GO Math Software (Formative and Summative)</li> <li>● Lesson Quizzes</li> <li>● Module 6 Test</li> <li>● Christmas Recipes</li> <li>● Ratio Project</li> </ul>

Third Quarter/Grading Period

Month / Week	CCS Benchmarks	Skills/Activities	Resources	Assessment
January	6.RP.3	Unit 3 - Proportions, Ratios, Rates. Module 7 - Applying Ratios and Rates 1 - Ratios, Rates, Tables, and Graphs 2 - Solving Problems with Proportions 3 - Converting within Measurement 4 - Converting Between Measurement Systems	<ul style="list-style-type: none"> <li>Go Math Software</li> <li>Interactive Lessons</li> <li>Formative Pre and Post Tests</li> <li>Proportion/Conversion Tables</li> </ul>	<ul style="list-style-type: none"> <li>GO Math Software (Formative and Summative)</li> <li>Lesson Quizzes</li> <li>Module 7 Test</li> </ul>
January	6.RP.3	Unit 3 - Proportions, Ratios, Rates. Module 8 - Percents 1 - Understand Percent 2 - Percents, Fractions Decimals 3 - Solving Percent Problems	<ul style="list-style-type: none"> <li>Go Math Software</li> <li>Interactive Lessons</li> <li>Formative Pre and Post Tests</li> <li>Clarify Meanings - "Of" vs. "Is" = % / 100</li> </ul>	<ul style="list-style-type: none"> <li>GO Math Software (Formative and Summative)</li> <li>Lesson Quizzes</li> <li>Module 8 Test</li> <li>Unit 3 Test</li> <li>STAR</li> </ul>
February	6.EE.2 6.EE.3 6.EE.4 6.EE.6	Unit 4 - Equivalent Expressions. Module 10 - Generating Equivalent Algebraic Expressions 1 - Modeling/Writing Expressions 2 - Evaluating Expressions 3 - Generating Equivalent Expressions	<ul style="list-style-type: none"> <li>Go Math Software</li> <li>Interactive Lessons</li> <li>Formative Pre and Post Tests</li> <li>'Substitution' Experiment</li> </ul>	<ul style="list-style-type: none"> <li>GO Math Software (Formative and Summative)</li> <li>Lesson Quizzes</li> <li>Module 10 Test</li> <li>Unit 4 Test</li> </ul>
March	6.EE.5 6.EE.6 6.EE.7 6.EE.8	Unit 5 - Equations and Inequalities. Module 11 - Equations and Relationships 1 - Writing Equations to Represent Situations 2 - Addition and Subtraction Equations 3 - Multiplication and Division Equations 4 - Writing Inequalities	<ul style="list-style-type: none"> <li>Go Math Software</li> <li>Interactive Lessons</li> <li>Formative Pre and Post Tests</li> </ul>	<ul style="list-style-type: none"> <li>GO Math Software (Formative and Summative)</li> <li>MID YEAR TEST</li> <li>Lesson Quizzes</li> <li>Module 11 Test</li> <li>STAR</li> </ul>
March	6.NS.6 6.NS.8 6.G.3	Unit 6 - Relationships in Geometry. Module 14 - Distance and Area in Coordinate Plane 1 - Distance in Coordinate Plane 2 - Polygons in the Coordinate Plane	<ul style="list-style-type: none"> <li>Go Math Software</li> <li>Interactive Lessons</li> <li>Formative Pre and Post Tests</li> </ul>	<ul style="list-style-type: none"> <li>GO Math Software (Formative and Summative)</li> <li>Lesson Quizzes</li> <li>Module 14 Test</li> </ul>

Fourth Quarter/Grading Period

Month / Week	CCS Benchmarks	Skills/Activities	Resources	Assessment
March	6.G.1 6.EE.7	Unit 6 - Relationships in Geometry. Module 13 - Area and Polygons 1 - Area of Quadrilaterals 2 - Area of Triangles 3 - Solving Area Equations 4 - Area of Polygons	<ul style="list-style-type: none"> <li>Go Math Software</li> <li>Interactive Lessons</li> <li>Formative Pre and Post Tests</li> <li>Area Formula Sheets</li> </ul>	<ul style="list-style-type: none"> <li>GO Math Software (Formative and Summative)</li> <li>Lesson Quizzes</li> <li>Module 13 Test</li> </ul>
April	6.G.2 6.G.4 6.EE.7	Unit 6 - Relationships in Geometry. Module 15 -Surface Area and Volume of Solids 1 - Nets and Surface Area 2 - Volume of Rectangular 3 - Solving Volume	<ul style="list-style-type: none"> <li>Go Math Software</li> <li>Interactive Lessons</li> <li>Formative Pre and Post Tests</li> <li>Egyptian Pyramid Calculations</li> </ul>	<ul style="list-style-type: none"> <li>GO Math Software (Formative and Summative)</li> <li>Lesson Quizzes</li> <li>Module 15 Test</li> <li>Unit 6 Test</li> </ul>
May	6.NS.6 6.EE.9	Unit 5 - Equations and Inequalities. Module 12 - Relationships in Two Variables 1 - Graphing on the Coordinate Plane 2 - Independent and Dependent Variables 3 - Writing Equations from Tables 4 - Representing Algebraic Relationships in Tables and Graphs	<ul style="list-style-type: none"> <li>Go Math Software</li> <li>Interactive Lessons</li> <li>Formative Pre and Post Tests</li> <li>Graphing Quadrilaterals</li> <li>Patterns/Relationships</li> </ul>	<ul style="list-style-type: none"> <li>GO Math Software (Formative and Summative)</li> <li>Lesson Quizzes</li> <li>Module 12 Test</li> <li>Unit 5 Test</li> </ul>
May	6.SP.1-5	Unit 7 - Measurement and Data. Module 16 - Displaying, Analyzing, and Summarizing Data 1 - Measures of Center 2 - Mean Absolute Deviation 3 - Box Plots 4 - Dot Plots & Data Distribution	<ul style="list-style-type: none"> <li>Go Math Software</li> <li>Interactive Lessons</li> <li>Formative Pre and Post Tests</li> </ul>	<ul style="list-style-type: none"> <li>GO Math Software (Formative and Summative)</li> <li>Lesson Quizzes</li> <li>Module 16 Test</li> </ul>
May	7.NS.1 7.NS.2 7.NS.3	Unit 1 - Number System. Module 1 - Add and Subtract Integers  Unit 1 - Number System. Module 2 - Multiply and Divide Integers	<ul style="list-style-type: none"> <li>Preview of 7th Grade Material</li> <li>Diagnostics/End of Year</li> </ul>	<ul style="list-style-type: none"> <li>STAR DIAGONSTIC</li> <li>End of Year Exam</li> </ul>

