**Curriculum Map/Pacing Guide**

School: Hazard Middle Grade Level: 6

Subject: Mathematics

| **Ky Standard** | **Content/Topic** | **Skill/Time Period** | **Assessment** |
| --- | --- | --- | --- |
| 6.NS.A.1 | Multiplying Fractions | Multiplying fractions and whole numbers -1 day  Multiplying two fractions -1 day  Multiplying fractions and mixed numbers -1 day  Multiplying mixed numbers -1 day  Study Guide -1 day | Topic Assessment -1 day |
| 6.NS.A.1 | Dividing Fractions | Dividing fractions and whole numbers -1 day  Dividing unit fractions by unit fractions -1 day  Dividing fractions by fractions -1 day  Dividing mixed numbers -1 day  Study Guide -1 day | Topic Assessment -1 day |
| 6. NS.B.3  6.RP.A.3b  6.NS.B.2  6.EE.A.2c  6.NS.C.7a  6.NS.C.7  6.EE.B.7 | Fluency with Decimals | Adding and Subtracting Decimals -1 day  Multiplying Decimals -1 day  Dividing Multi-Digit numbers -1 day  Dividing Decimals -1 day  Decimals and Fractions -1 day  Comparing and Ordering decimals and Fractions -1 day  Study Guide -1 day | Topic Assessment -1 day |
| 6.NS.C.5  6.NS.C.6a  6.NS.C.6b  6.NS.C.6c  6.NS.C.7  6.NS.C.7a  6.NS.C.7b  6.NS.C.7c  6.NS.C.7d  6.NS.C.8  6.G.B.3 | Integers | Integers and the Number Line -1 day  Comparing and Ordering Integers -1 day  Absolute Value -1 day  Integers and the Coordinate Plane -1 day  Distance -1 day  Study Guide -1 day | Topic Assessment -1 day |

| 6. NS.C.5  6.NS.C.6a  6.NS.C.6b  6.NS.C.6c  6.NS.C.7  6.NS.C.7a  6.NS.C.7b  6.NS.C.7d  6.NS.C.8  6.G.B.3 | Rational Numbers | Rational Numbers and the number Line -1 day  Comparing Rational Numbers -1 day  Ordering Rational Numbers -1 day  Rational Numbers and the Coordinate Plane -1 day  Polygons in the Coordinate Plane -1 day  Study Guide -1 day | Topic Assessment -1 day |
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| 6.EE.A.2  6.EE.A.2a  6.EE.A.4  6.EE.A.2c  6.EE.A.2b  6.EE.B.6  6.EE.A.1 | Variables and Expressions | Numerical Expressions -1 day  Algebraic Expressions -1 day  Writing Algebraic Expressions -1 day  Evaluating Algebraic Expressions -1 day  Expressions with Exponents -1 day  Study Guide -1 day | Topic assessment -1 day |
| 6.EE.A.2c  6.EE.A.3  6.EE.A.4  6. NS.B.4 | Equivalent Expressions | ID and zero Properties -1 Day  Commutative Property -1 Day  Associative Property -1 Day  Greatest Common Factor -1 Day  Distributive Property -1 Day  Least Common Multiple -1 Day  Study Guide -1 Day | Topic Assessment -1 Day |
| 6.EE.A.2  6.EE.B.5  6.EE.B.7  6.EE.B.8 | Equations and Inequalities | Expressions to Equations -1 Day  Balancing Equations -1 Day  Solving Addition and Subtraction Equations -1 Day  Solving multiplication and Division Equations -1 Day  Equations to Inequalities -1 Day  Solving Inequalities -1 Day  Study Guide -1 Day | Topic Assessment -1 Day |
| 6.EE.C.9  6.NS.C.8  6.EE.A.2c | Two-Variable Relationships | Using two Variables to represent a relationship -1 Day  Analyzing Patterns Using Tables and Graphs -1 Day  Relating Tables and Graphs to Equations -1 Day  Study Guide -1 Day | Topic Assessment -1 Day |
| 6.RP.A.1  6.RP.A.3 | Ratios | Ratios -1 Day  Exploring Equivalent Ratios -1 Day  Equivalent Ratios -1 Day  Ratios as Fractions -1 Day  Ratios as Decimals -1 Day  Study Guide -1 Day | Topic Assessment -1 Day |
| 6.RP.A.2  6.RP.A.3  6.RP.A.3b  6.RP.A.3d | Rates | Unit Rates -1 Day  Unit Prices -1 Day  Constant Speed -1 Day  Measurements and Ratios -1 Day  Choosing the Appropriate Rate -1 Day  Study Guide -1 Day | Topic Assessment -1 Day |
| 6.RP.A.3a  6.RP.A.3c  6.RP.A.2  6.EE.C.9  6.RP.A.3 | Ratio Reasoning | Plotting Ratios and Rates -1 Day  Recognizing Proportionality -1 Day  Introducing Percents -1 Day  Using Percents -1 Day  Study Guide -1 Day | Topic Assessment -1 Day |
| 6.G.A.1  6.EE.A.2c | Area | Rectangles and Squares -1 Day  Right Triangles -1 Day  Parallelograms -1 Day  Other Triangles -1 Day  Polygons -1 Day  Study Guide -1 Day | Topic Assessment -1 Day |
| 6.G.A.1  6.G.B.4  6.EE.A.2c  6.G.B.2 | Surface Area and Volume | Analyzing Three-Dimensional Figures -1 Day  Nets -1 Day  Surface Areas of Prisms -1 Day  Surface Areas of Pyramids -1 Day  Volumes of Rectangular Prisms -1 Day  Study Guide -1 Day | Topic Assessment -1 Day |
| 6.NS.C.6c  6.SP.A.1  6.SP.B.5b  6.SP.B.4  6.SP.B.5  6.SP.B.5c  6.NS.C.6c  6.SP.B.5a | Data Displays | Statistical Questions -1 Day  Dot Plots -1 Day  Histograms -1 Day  Box Plots -1 Day  Choosing Appropriate Displays -1 Day  Study Guide -1 Day | Topic Assessment -1 Day |
| 6.SP.A.3  6.SP.B.4  6.SP.B.5  6.SP.B.5c  6.SP.B.5d  6.SP.A.2 | Measures of Center and Variation | Median -1 Day  Mean -1 Day  Variability -1 Day  Interquartile Range -1 Day  Mean Absolute Deviation -1 Day  Study Guide -1 Day | Topic Assessment -1 Day |