

Conrad Junior High Sixth Grade Honors Curriculum Map

Unit	Standards	Digits Resources	Estimated Time
#1 Number Sense	<p>6.NS.1 (Quotients of fractions) 6.NS.2 (Divide multi-digit numbers) 6.NS.3 (Operations on decimals) 6.NS.5 (Positive & Negative numbers in real world context) 6.NS.6 (Rational numbers on number line and coordinate plane) 6.NS.7 (Ordering and absolute value) 6.NS.8 (Solving real-world problems by graphing in the coordinate plane) 6.G.3 (Draw polygons in coordinate plane) 6.NS.4 (GCF, LCM & Distributive property with expressions)</p> <p>7.NS.1 (Add and subtract rational numbers - opposite quantities combine to make zero; positive and negative direction) 7.NS.2 (Multiply and divide rational numbers) 7.NS.3 (Solve real-world problems with the 4 operations with rational numbers)</p>	<p>6th Grade Digits Unit I: Rational Numbers and Exponents <u>Topic 8</u> Introduction to integers, compare/order, absolute value <u>Topic 9</u> Rational numbers on number line, compare/order, coordinate plane, Fractions to decimals</p> <p>GCF and LCM- supplemental resource</p> <p>Honors Digits (7th grade Accelerated Digits) <u>Topic 1</u>: Integer Rules and Adding/Subtracting then include rational numbers <u>Topic 2</u>: Multiplying and Dividing Integer rules, then include rational numbers; Distributive Property with negative numbers</p>	<p>Quarter 1 ~35 days</p> <p>Test in October</p>
#2 Expressions and Equations	<p>6.NS.1 (Quotients of fractions) 6.EE.1 (Numerical expressions with exponents) 6.EE.2 (Variable expressions) 6.EE.3 (Generate equivalent expressions) 6.EE.4 (Identify equivalent expressions) 6.EE.6 (Write expressions with variables when solving real-world problems) 6.EE.5 (True equations and inequalities) 6.EE.6 (Solve 1-step equations and inequalities) 6.EE.7 (Solve real-world problems using equations) 6.EE.8 (Write and understand inequalities) 6.EE.9 (Independent and dependent variables)</p> <p>7.EE.1 (Add, subtract, factor, expand linear expressions) 7.EE.2 (Understand rewriting expressions as strategy for solving in context) 7.EE.3 (Solve multi-step real-world problems and convert between forms in context) 7.EE.4 (Solve real-world problems involving equations and inequalities)</p>	<p>Accelerated 7th: Unit II (Topics 10, 11, 12, 13)</p> <p><u>Topic 10</u>: Expanding, Factoring, Adding, and Subtracting Algebraic Expressions; Combining like Terms; Equivalent Expressions</p> <p><u>Topic 11</u>: 1-Step Equations w/ Rational Numbers, Writing and Solving 2-step or more equations w/ distributive property. Variables on both sides, include area/perimeter questions with writing equations</p> <p><u>Topic 13</u>: Inequalities (Intro to graphing solution sets, then same sequence as equations)</p>	<p>Quarter 2 ~35 Days</p> <p>Test in December</p> <p>EOY part 1 Assessment</p>
#3 Ratios and Proportions	<p>6.RP.1 (Ratios) 6.RP.2 (Unit rate) 6.RP.3 (Solve real-world ratio problems)</p> <p>7.RP.1 (Unit rates) 7.RP.2 (Proportional Relationships) 7.RP.3 (Solve multi-step ratio and percent problems)</p>	<p>Unit II (Topics 7, 8, 9) <u>Topic 7</u>: Ratios and Rates (Unit Rates with Fractions) <u>Topic 8</u>: Proportional Relationships (Tables, Graphs, Equations, Constant of Prop., Maps) <u>Topic 9</u>: 9-1 and 9-2 (Percent equation, setting up proportions)</p> <p>Regular Topic 11-3.11-4, & supplemental percents</p>	<p>Quarter 3 ~25 Days</p> <p>Test in February</p>

<p>#4 EOY Review and test</p>			<p>1 week Part 2 EOY Assessment in March</p>
<p>#5 Geometry, Formulas, and Graphs</p>	<p>6.G.1 (Area of polygons) 6.G.2 (Volume of prisms by packing and using the formula) 6.G.4 (Nets of 3-D figures and surface area) 6.G.3 (Draw polygons in coordinate plane)</p>	<p>Unit E: Geometry <u>Topic 13:</u> Area (12 days) <u>Topic 14:</u> Surface Area and Volume (7 days)</p>	<p>Quarters 3 & 4 ~ 25 days Test in April</p>
<p>#6 Statistics</p>	<p>6.SP.1 (Statistical questions) 6.SP.2 (Distributions have center, spread and overall shape) 6.SP.3 (Measures of center and variability) 6.SP.4 (Display data) 6.SP.5 (Summarize data) 7.SP.1 (Sample populations) 7.SP.2 (Interpret random sample data) 7.SP.3 (Visual overlap of data distributions) 7.SP.4 (Measures of center and variability with two populations) 7.SP.5 (Probability of chance event) 7.SP.6 (Collect data on chance process) 7.SP.7 (Develop probability model) 7.SP.8 (Find probabilities of compound events)</p>	<p>Unit F: Statistics <u>Topic 15/16:</u> Data Displays, Measures of Center and Variation (11 days) 7th Grade Digits <u>Unit E: Statistics</u> <u>Unit F: Probability</u></p>	<p>Quarter 4 ~25 days Test in May</p>