

2018 - 2019 Conrady Junior High Sixth Grade Honors Curriculum Map

Unit	Standards	Sequence	Estimated Time
Unit 1 G6 Number Sense	6.NS.2 (Divide multi-digit numbers) 6.NS.3-1, 3-2, 3-3, 3-4 (Operations on decimals) 6.NS.1-1, 1-2 (Quotients of fractions) 6.G.2-1, 2-2 (Volume of prisms by packing and using the formula) 6.NS.5 (Positive & Negative numbers in real world contexts) 6.NS.6a, 6b-1, 6b-2, 6c-1, 6c-2 (Rational numbers on number line and coordinate plane) 6.NS.7a, 7b, 7c-1, 7c-2, 7d (Ordering and absolute value) 6.NS.8 (Solving real-world problems by graphing in the coordinate plane) 6.C.2; 6.C.3; 6.C.4; 6.C.5; 7.C.8	Rational Numbers and Exponents Division with whole numbers/decimals, including Long Division Fractions to decimals Quiz [6.NS.2 & 6.NS.3] Dividing Fractions [models & algorithm, include GCF] Review of integers, compare/order, absolute value, coordinate plane Review rational numbers on number line, compare/order, coordinate plane	Q1 15 days 1 Quiz 1 Test Sep. 11/12
Unit 2 G7 Number Sense	7.NS.1a, 1b-1, 1b-2, 1c-1, 1c-2, 1d (Add & subtract rational numbers) 7.NS.2a-1, 2a-2, 2b-1, 2b-2, 2c, 2d (Multiply & divide rational numbers) 7.NS.3 (Solve real-world problems with rational numbers) 7.C.1.1; 7.C.2; 7.C.3; 7.C.7.2; 7.C.7.3	Review integer operations (adding & subtracting) Review rational number operations (adding & subtracting) Quiz Review integer operations (multiplying/dividing) Review rational number operations (multiplying/dividing) Evaluating expressions with exponents [opposite of 3 squared vs negative 3 squared] Order of operations with numerical expressions	Q1 15 days 1 Quiz 1 Test October 2/3
Unit 3 Expressions	6.EE.1-1, 1-2 (Numerical expressions with exponents) 6.EE.2a, 2b, 2c-1, 2c-2 (Variable expressions) 6.NS.4-1, 4-2 (GCF, LCM & Distributive property with 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) 7.EE.1 (Add, subtract, factor, expand linear expressions) 7.EE.2 (Understand rewriting expressions as strategy for solving in context; EX: 1.05a means increase by 5%) 6.C.1.1; 6.C.7; 7.C.1.2; 7.C.7.4; 8.C.6; 8.D.2	Expanding, Factoring, Adding, and Subtracting Algebraic Expressions; Combining like Terms; Equivalent Expressions Distributive property with rational numbers	Q2 17 Days 1 Test October 27
<h2 style="margin: 0;">First Part of PROFICIENCY EXAM</h2> <h3 style="margin: 0;">NOVEMBER 2, 2018</h3>			
Unit 4 Equations and Inequalities	6.EE.5-1, 5-2 (True equations and inequalities) 6.EE.6 (Write equations with variables when solving real-world problems) 6.EE.7 (Solve real-world problems using equations) 6.G.1 (Area of polygons - using substitution) 6.EE.8 (Write and understand inequalities) 7.EE.4a-1, 4a-2 (Solve real-world problems involving equations) 8.EE.7b (Solve linear equations in one variable)	<u>Part I</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 <u>Part II</u>	Q2 30 days 2 Quizzes 1 Test December 8th

	6.C.6; 7.C.5; 7.D.1	Inequalities (Intro to graphing solution sets, then same sequence as equations)	
Unit 5 Ratios and Proportions	<p>6.RP.1 (Ratios) 6.RP.2 (Unit rate) 6.RP.3a, 3b, 3c-1, 3c-2, 3c (Solve real-world ratio problems) 6.EE.9 (Independent and dependent variables)</p> <p>7.EE.2 (Understand rewriting expressions as strategy for solving in context; EX: 1.05a means increase by 5%)</p> <p>7.RP.1 (Unit rates) 7.RP.2a, 2b, 2c, 2d (Proportional Relationships) 7.RP.3-1, 3-2 (Solve multistep ratio and percent problems: simple interest, mark up, mark down, tip, percent increase/decrease, percent error, and commission)</p> <p>6.C.8.1, 6.C.8.2; 7.C.4; 7.C.7.1; 7.C.7.4, 7.D.2, 8.D.2</p>	<p>Topic 6 Ratios and Rates (Unit Rates with Fractions) Topic 7: Proportional Relationships Tables, Graphs, Equations, Constant of Prop., Maps Topic 8: Percent equation, setting up proportions</p>	<p>Q2/Q3 27 Days 2 Quizzes 1 Test Feb 22nd & 23rd</p>

Second Part of PROFICIENCY EXAM
March 15, 2019

Unit 6 Geometry, Formulas, and Graphs	<p>6.G.1 (Area of polygons) 6.G.2-1, 2-2 (Volume of prisms by packing and using the formula) 6.G.3 (Draw polygons in coordinate plane) 6.G.4 (Nets of 3D figures and surface area) 7.D.2</p>	<p><u>Topic 13</u>: Area (12 days) <u>Topic 14</u>: Surface Area and Volume (7 days)</p>	<p>Q4 22 days 1 Quiz April 20th & 21st</p>
Unit 7 Statistics	<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)</p> <p>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.7a, 7b (Develop probability model) 7.SP.8a, 8b, 8c (Find probabilities of compound events)</p>	<p>Unit F: Statistics <u>Topic 15/16</u>: Data Displays, Measures of Center and Variation (11 days)</p> <p>7th Grade Digits <u>Unit E: Statistics</u> <u>Unit E: Probability</u></p>	<p>Q4 25 days 1 Test May 30th</p>