

# Conrady Junior High School 7<sup>th</sup> Grade Curriculum Map

Unit	Standards	Digits Unit	Estimated Time
#1 Ratios and Proportionality	7.RP.1 (Unit rates) 7.RP.2 (Proportional Relationships) 7.RP.3 (Solve multi-step ratio and percent problems) 7.G.1 (Scale Drawing)	<b>Unit A: Ratios and Proportional Relationships</b> <u>Topic 1:</u> Ratios and Rates [1.1 – 1.5] <u>Topic 2:</u> Proportional Relationships [2.1 – 2.6]	Quarter 1 ~ 4 weeks  Test in September
#2 Percent	7.RP.3 (Solve multi-step ratio and percent problems)	<u>Topic 3:</u> Percents [3.1 – 3.7]	Quarter 1 ~ 3 weeks  Test in October
#3 Integers	7.NS.1 (Add and subtract rational numbers) 7.NS.2 (Multiply and divide rational numbers) 7.NS.3 (Solve real-world problems with rational numbers)	<b>Unit B: Rational Numbers</b> <u>Topic 4:</u> Adding and Subtracting Rational Numbers [4.1 – 4.7] <u>Topic 5:</u> Multiplying and Dividing Rational Numbers [5.1 – 5.6]	Q1 & Q2 ~ 3 weeks  Test in October/November
#4 Rational Numbers	7.NS.1 (Add and subtract rational numbers) 7.NS.2 (Multiply and divide rational numbers) 7.NS.3 (Solve real-world problems with rational numbers)	<u>Topic 4:</u> Adding and Subtracting Rational Numbers [4.1 – 4.7] <u>Topic 5:</u> Multiplying and Dividing Rational Numbers [5.1 – 5.6]	Quarter 2 ~ 3 weeks  Test in November
Percent of change	7.NS.3 (Solve real-world problems with rational numbers) 7.RP.3 (Solve multi-step ratio and percent problems)	<u>Topic 6:</u> Decimals and Percents [6.1 – 6.7]	Q2 ~ 1 week  Quiz in December
#5 Expressions Equations	7.EE.1 (Add, subtract, factor, expand linear expressions) 7.EE.2 (Understand rewriting expressions as strategy for solving in context) 7.NS.3 (Solve real-world problems with rational numbers) 7.EE.3 (Solve multi-step real-world problems and convert between forms in context)	<b>Unit C: Expressions and Equations</b> <u>Topic 7:</u> Equivalent Expressions [7.1 – 7.5] <u>Topic 8:</u> Equations [8.1 – 8.5]	Q2 & Q3 ~ 6 weeks  Test in January
#6 Inequalities	7.EE.4 (Solve real-world problems involving equations and inequalities)	<b>Unit C: Expressions and Equations</b> <u>Topic 9:</u> Inequalities [9.1 – 9.5]	Q3 ~ 2 weeks  Test in February
#7 Data Distributions	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)	<b>Unit E: Statistics</b> <u>Topic 14:</u> Sampling [14.1 – 14.7] <u>Topic 15:</u> Comparing Two Populations [15.1 – 15.6]	Q3 ~ 3 weeks  Test in March

#8 Probability	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)	<b>Unit F: Probability</b> <u>Topic 16:</u> Probability Concepts [16.1 – 16.6] <u>Topic 17:</u> Compound Events [17.1 – 17.7]	Quarter 4 ~ 4 weeks  Test in March/April
#9 Angles Triangles	7.G.2 (Draw geometric shapes with given conditions) 7.G.3 (Describe 2-D figures resulting from slicing 3-D figures)	<b>Unit D: Geometry</b> <u>Topic 10:</u> Angles [10.1 – 10.6] <u>Topic 12:</u> Two and Three Dimensional Shapes[12. 1 – 12.6]	Q4 ~ 3 weeks  Test in May
#10 Area Circumference	7.G.4 (Area and circumference of circle) 7.G.5 (Solve equations for unknown angle) 7.G.6 (Solve real-world problems involving area, volume and surface area)	<u>Topic 11:</u> Circles[11.1 – 11.5]	Q4 ~ 2 weeks  Test in May
Surface Area Volume	7.G.6 (Solve real-world problems involving area, volume and surface area)	<u>Topic 13:</u> Surface Area and Volume [13.1 – 13.5]	Q4 ~ 1 ½ weeks  Quiz in May