

2018-2019 Conrady Junior High Sixth Grade Academic Mathematics Curriculum Map

Unit	Common Core State Math Standards	Mapshell Math Activities	Estimated Time
#1 Number Sense and Operations on Decimals (OER 5)	6.NS.2 (Divide multi-digit numbers) 6.NS.3-1, 3-2, 3-3, 3-4 (Operations on decimals) 6.C.9; 6.D.2; 6.D.3; 6.Int.1	Mapshell Math Using Standard Algorithms for Operations Mapshell Math Finding Factors and Multiples	Q1 14 days 1 quiz Sept.21
#2 Fraction Operations (OER 4)	6.NS.1-1, 1-2 (Quotients of fractions) 6.NS.4-1 (GCF, LCM) 6.C.2; 6.C.3; 6.C.9; 6.D.2; 6.D.3; Int	Mapshell Math -Interpreting Multiplicaiton and Division	Q1 14 days Oct. 12
#3 Understanding Integers and Rational Numbers (OER 7)	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.4; 6.C.5; 6.C.9; 6.D.2; 7.D.2/3	Mapshell Math Translating Between Fractions Decimals and Percents	Q1/Q2 2 quizzes 22 days Nov 9
#4 Introductitons Ratios (OER 2)	6.RP.A http://map.mathshell.org/download.php?fileid=1610 6.RP.A.1 6.RP.A.2a 6.RP.A.3a 6.RP.A.3b 6.RP.A.3c	Mapshell Math Using Proportional Reasoning	Q2 19 Days 1 Quiz 1 Test Dec14
#5 Unit Rates and Percentages (OER 3)	6.EE.9 (Independent and dependent variables) 6.RP.1 (Ratios) 6.RP.2 (Unit rate) 6.RP.3a, 3b, 3c-1, 3c-2, 3d (Solve real-world ratio and rate problems) 6.C.8.1; 6.C.8.2; 6.D.1; 6.D.2; 6.D.3; 7.D.1; 7.D.2		Q3 19 days 1 Quiz 1 Tests Jan 25
#6 Expressions and Equations (OER 6)	6.EE.1-1, 1-2 (Numerical expressions with exponents) 6.EE.2a, 2b, 2c-1, 2c-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.NS.4-2 (Distributive property with expressions) 6.C.1.1; 6.C.7; 6.C.9; 6.Int.1; 6.D.1; 6.D.2; 6.D.3 6.EE.5-1, 5-2 (True equations and inequalities) 6.EE.7 (Solve real-world problems using equations) 6.G.1 (Area of polygons using substitution) 6.EE.8 (Write and understand inequalities) 6.C.6;; 6.Int.1; 6.D.1; 6.D.2; 6.D.3	Mapshell Math Interpreting Equations Mapshell Math Evaluating Statements about Number Operations	Q3 20 days 1 Quiz Mar 1
#7 Area and Surface Area (OER 1)	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) 6.D.2; 7.D.2	Mapshell Math Maximizing Area-Gold Rush	Q4 22 days 1 Quiz Mayr 17
#8 Statistics (OER 8)	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) 6.C.9; 6.D.2	Mapshell Math Representing Variability with Mean, Median, Mode and Range	Q4 15 days 1 Quiz/Project Mar 24

