

Go Math – 6th Grade (Pacing 2016-17)

<i>Prerequisite Skills Inventory</i> (Use Prerequisite Skills Inventory Activities for Skill Deficits)			3 Days August 10-12
Critical Area 1: The Number System - Completing understanding of division of fractions and extending the notion of number to the system of rational numbers, including negative numbers - MAJOR STANDARDS			
Chapter 1: Whole Numbers and Decimals	6.NS The Number System	Essential Question: How do you solve real-world problems involving whole numbers and decimals?	10 Days August 15 – 26
Chapter 2: Fractions	6.NS The Number System	Essential Question: How can you use the relationship between multiplication and division to divide fractions?	14 Days August 29 - September 16
Chapter 3: Rational Numbers	6.NS The Number System	Essential Question: How do you write, interpret, and use rational numbers?	14 Days September 19 - October 6
Critical Area 2: Ratios and Rates - Connecting ratios and rates to whole number multiplication and division and using concepts of rate and ratio to solve problems - MAJOR STANDARDS			
Chapter 4: Ratios and Rates	6.RP Ratios and Proportional Relationships	Essential Question: How can you use ratios to express relationships and solve problems?	16 Days October 7 – November 4
Chapter 5: Percents	6.RP Ratios and Proportional Relationships	Essential Question: How can you use ratio reasoning to solve percent problems?	12 Days November 7 – 30
Chapter 6: Units of Measure	6.RP Ratios and Proportional Relationships	Essential Question: How can you use measurements to help you describe and compare objects?	12 Days December 1-16
Critical Area 3: Expressions and Equations - Writing, Interpreting, and Using Expressions and Equations - MAJOR STANDARDS			
Chapter 7: Algebra: Expressions	6.EE Expressions and Equations	Essential Question: How do you write, interpret, and use algebraic expressions?	18 Days January 9 – February 2
Chapter 8: Algebra: Equations or Inequalities	6.EE Expressions and Equations	Essential Question: How can you use equations and inequalities to represent situations and solve problems?	20 Days February 3 – March 6
Chapter 9: Algebra: Relationships Between Variables	6.EE Expressions and Equations	Essential Question: How can you show relationships between variables?	10 Days March 7 – 20
Critical Area 4: Geometry and Statistics - Developing understanding of critical thinking, solve real-world and mathematical problems involving area, surface area, and volume - ADDITIONAL/ SUPPORTING STANDARDS			
Chapter 10: Area	6.G Geometry	Essential Question: How can you use measurements to describe two-dimensional figures?	11 Days March 21 – April 12
Chapter 11: Surface Area and Volume	6.G Geometry	Essential Question: How can you use measurements to describe three-dimensional figures?	9 Days April 13 – 26
Chapter 12: Data Displays and Measures of Center	6.SP Statistics and Probability	Essential Question: How can you display data and analyze measures of center?	10 Days April 27 – May 10
Chapter 13: Variability and Data Distributions	6.SP Statistics and Probability	Essential Question: How can you describe the shape of a data set using graphs, measures of center, and measures of variability?	10 Days May 11 – 24
Getting Ready for 7th Grade	Planning Guide		May 25 – June 9

Updated: July 2016