Go Math – 8th Grade (Pacing 2016-17)

Placement Test *Beginning-of-Year Diagnostic Test*			3 Days August 10-12
Unit 1: Real Numbers, Exponents, and Scientific Notation - <mark>ADDITIONAL/ SUPPORTING STANDARDS</mark>			
Module 1: Real Numbers	8.NS The Number System 8.EE Expressions and Equations	Essential Question: How can you use real numbers to solve real-world problems?	8 Days August 15 – 24
Module 2: Exponents and Scientific Notation	8.EE Expressions and Equations	Essential Question: How can you use scientific notation to solve real-world problems?	11 Days August 25 – September 9
Unit 2: Proportional and Nonproportional Relationships and Functions - <mark>MAJOR STANDARDS</mark>			
Module 3: Proportional Relationships	8.EE Expressions and Equations 8.F Functions	Essential Question: How can you use proportional relationships to solve real-world problems?	8 Days September 12 – 21
Module 4: Nonproportional Relationships	8.EE Expressions and Equations 8.F Functions	Essential Question: How can you use nonproportional relationships to solve real-world problems?	12 Days September 22 - October 7
Module 5: Writing Linear Equations	8.F Functions 8.SP Statistics and Probability	Essential Question: How can you use linear equations to solve real-world problems?	12 Days October 17 – November 1
Module 6: Functions	8.EE Expressions and Equations 8.F Functions	Essential Question: How can you use functions to solve real-world problems?	15 Days November 2 – 30
Unit 3: Solving Equations and Systems of Equations - <mark>MAJOR STANDARDS</mark>			
Module 7: Solving Linear Equations	8.EE Expressions and Equations	Essential Question: How can you use equations with the variable on both sides to solve real-world problems?	12 Days December - 16
Module 8: Solving Systems of Linear Equations	8.EE Expressions and Equations	Essential Question: How can you use systems of equations to solve real-world problems?	20 Days January 9 – February 6
Unit 4: Transformational Geometry - <mark>MAJOR STANDARDS</mark>			
Module 9: Transformations and Congruence	8.G Geometry	Essential Question: How can you use transformations and congruence to solve real-world problems?	15 Days February 7 – March 1
Module 10: Transformations and Similarity	8.G Geometry	Essential Question: How can you use dilations and similarity to solve real-world problems?	10 Days March 2 – 15
Unit 5: Measurement Geometry - <mark>MAJOR STANDARDS</mark>			
Module 11: Angle Relationships in Parallel Lines and Triangles	8.EE Expressions and Equations 8.G Geometry	Essential Question: How can you use angle relationships in parallel lines and triangles to solve real-world problems?	9 Days March 16 – April 4
Module 12: The Pythagorean Theorem	8.G Geometry	Essential Question: How can you use the Pythagorean Theorem to solve real-world problems?	9 Days April 5 -19
Module 13: Volume	8.G Geometry	Essential Question: How can you use volume to solve real-world problems?	9 Days April 20 – May 2
Unit 6: Statistics - <mark>ADDITIONAL/ SUPPORTING STANDARDS</mark>			
Module 14: Scatter Plots	8.SP Statistics and Probability	Essential Question: How can you use scatter plots to solve real-world problems?	6 Days May 3 – 10
Module 15: Two-Way Tables	8.SP Statistics and Probability	Essential Question: How can you use two-way frequency tables to solve real-world problems?	6 Days May 11 - 18
Getting Ready for 9th Grade			May 19 – June 9

Updated: July 2016