Math 2 Unit 7: Similarity and Trigonometry

Date	Lesson	Students will be able to…	Homework
Mon 12/2	Geometry Vocabulary	Identify Different Lines within a Triangle	RSG 6.1 Page 3 and 5
Tues 12/3	Lesson2- Triangle Dilations Lesson 3- Similar Triangles and Other Figures	Examine Proportional Relationships in Triangles	RSG 6.2, 6.3 Pages 10-13, 20-21
Wed 12/4	Lesson 4- Cut by a Transversal	Examine Proportional Relationships of Segments	RSG 6.4 Pages 25-27
Thur 12/5	Quiz Lesson 5- Measured Reasoning	Applying Theorems about Lines, Angles and Proportional Relationships	RSG 6.5 Pages 31-33
Fri 12/6	Lesson 6- Pythagoras by Proportions	Find Midpoint of Any Line Segment Use Geometric Means to Solve for Sides of a Triangle	RSG 6.7 Pages 37-39
Mon 12/9	Lesson 7- Are Relationships Predictable?	Develop an Understanding of Right Triangle Trigonometry	RSG 6.8 Pages 44-46
Tues 12/10	Lesson 8- Finding the Value of a Relationship	Solve for Unknowns in Right Triangles Using Trigonometry	RSG 6.10 Pages 52-53
Wed 12/11	Review Quiz		Review
Thur 12/12	Lesson 9- Special Right Triangles	Examine the Relationships of Sides in Special Right Triangles	RSG 5.5 Pages 57-59
Fri 12/13	Lesson 10- Solving Right Triangles Using Trigonometric Relationships	Solving Right Triangles to Model Real World Contexts	RSG 6.11 Pages 63-66
Mon 12/16	Review for Test	Review for Test	Review
Tues 12/17	Review for Test	Review for Test	Review
Wed 12/18	Test		

Thur 12/19			