**Math 2**

**Unit 2 – Dilations/Similarity**

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| Day | Date | Topic | Classwork |
| 1 | Mon.  2/4 | Describing the essential features of a dilation.  Examining proportionality relationships in triangles that are known to be similar to each other based on dilations.  **in tria** | 6.1 Photocopy Faux Pas  Pages 1-6  6.2 Triangle Dilations  Pages 7-14 |
| 2 | Tues.  2/5 | Comparing definitions of similarity based on dilations and relationships between corresponding sides and angles. | 6.3 Similar Triangles and Other Figures  Pages 15-22 |
| 3 | Weds.  2/6 | Examining proportionality relationships of segments when two transversals intersect sets of parallel lines, | 6.4 Cut by a Transversal  Pages 23-28 |
| 4 | Thurs.  2/7 | Applying theorems about lines, angles and proportional relationships when parallel lines are crossed by multiple transversals. | 6.5 Measured Reasoning  Pages 29-34 |
| 5 | Fri.  2/8 | Applying understanding of similar and congruent triangles to find the midpoint or any point on a line segment that partitions the segment into a given ratio. | 6.6 Yard Work in Segments  Pages 35-42 |
| 6 | Mon.  2/11 | Developing an understanding of right triangle trigonometric relationships based on similar triangles. | 6.8 Are Relationships Predictable?  Pages 49-54 |
| 7 | Tues.  2/12 | **Unit 2 Quiz** | **Unit 2 Quiz** |

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**Hot Lunch Tutorials: Tues (B) and Thurs (A)**