**Ms. Dunham’s 6th Grade Math Lesson Plan for 3/2-3/6**

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|  | **Monday**  **Solve Inequalities** | **Tuesday**  **Review- Unit 8** | **Wednesday**  **Unit 8 Exam** | **Thursday**  **Sum of Angle Measures in a Triangle** | **Friday**  **Relationship between Side and Angle in a Triangle** |
| **Objectives** | SWBAT solve one-step inequalities with rational numbers. | SWBAT solve and determine if the given values make one-step equations and inequalities for all operations with one variable. | Students will take a multiple-choice exam covering equations and inequalities. | SWBAT find the sum of an unknown angle measure. | SWBAT use the relationship between side lengths to determine when three lengths form a triangle. |
| **P** | Engage: Students move from one side of the classroom when given inequality scenarios. | Engage: Kahoot over equations and inequalities |  | Engage: Classifying triangles by their angles song <https://www.youtube>  .com/watch?v=bCu  xvgCo0Jc | Engage: |
| **LA** | Explore   * Inequality Stations   Explain   * Students will explain to the teacher as they complete each station how they are working through the station.   Elaborate   * Students will work together to prove why the sign flips when you multiply or divide by a negative number. | Explore   * Equations and Inequalities station.   Explain   * Students will explain to the teacher as they complete each station how they are working through the station.   Elaborate   * Students will compare and contrast the similarities and differences between equations and inequalities. |  | Explore   * Guided practice Sum of angle measures in a triangle.   Explain   * Students will explain to the teacher how their group solved the group work section of the guided practice.   Elaborate   * Students will create their own triangle with a total angle measurement of 180 | Explore   * Stations where angle measurement moves along with side measurement (manipulatives)   Explain   * Students will explain the relationship between angles and side lengths in triangles.   Elaborate   * Students will compare and contrast the interior angle total of triangles with other shapes. |
| **N** | Evaluate   * Multiple-choice DOL | Evaluate   * Multiple-choice DOL |  | Evaluate   * Multiple-choice DOL | Evaluate   * Multiple-choice DOL |
| **Resources** | DOL, station activities | DOL, station activities | Unit 8 Exam | DOL, guided practice notes. | DOL, triangle manipulatives |