**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=bCuxvgCo0Jc | 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.
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| **N** | Evaluate* Multiple-choice DOL
 | Evaluate* Multiple-choice DOL
 |  | Evaluate* Multiple-choice DOL
 | Evaluate* Multiple-choice DOL
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| **Resources** | DOL, station activities | DOL, station activities | Unit 8 Exam | DOL, guided practice notes. | DOL, triangle manipulatives |