**Resources**:

* + ***Consumable Textbook:***Go Math: Middle School Grade 8 (2014). Published by Houghton Mifflin Harcourt.
  + ***Online Textbook:*** The Go Math textbook can be found online at **http://my.hrw.com**. Students will be given username and password to access the textbook and other features such as real-life videos as well as concept review videos to help with homework. Some homework assignments can also be done online as well.
  + Engage NY and Utah Middle School Math Project are sites that provide additional resources that are consistent with the Common Core Standards.
  + Khan Academy will also be utilized.

**Balanced Instructional Approach:**

The Common Core philosophy is centered on inquiry-based instruction, real life applications, and teaching multiple learning strategies, which as a teacher, I have always strived for. I will utilize this approach, but also use direct and individualized instruction, as well, in order to create a balanced and differentiated approach to classroom instruction.

**Curriculum:**

Students will cover 6 Units within their *GO Math* textbook. Topics included, but not limited to: Real numbers, Exponents, and Scientific Notation, Proportional and Non-proportional Relations and Functions, Solving Equations and System of Equations, Geometry, and Statistics.

There will be several projects throughout the year. Some will require group work, while others will be individual. Projects will revolve around real world applications to Mathematics. There will be time allowed in class to work on all projects. Most students who work diligently will completely finish their projects during class time allowed. Projects to be completed may include:

* + - College Loan Project
    - Business Project
    - PowerPoint Lessons Project