**6th Grade Math Elective Syllabus**

Ms. Katie

Monday-Thursday 1:00-2:30 pm

***Introduction to Class***

In this year’s 6th grade math elective, students will be focusing heavily on 6th grade Common Core math standards. Please visit the link below if you would like to view all 6th grade math standards:

<http://www.corestandards.org/Math/Content/6/NS/>

This class’s main goal is to deliver a better understanding of math content in the 6th grade level in order to better prepare them for later stages in middle school math and high school math. Math is a core subject that will be essential to understand as students advance further and further in their academic career.

***Grading Policy***

Students will as of now be receiving letter grades in all classes. In all of my classes, the most heavily graded material is in-class projects, assignments, and tests. Homework is a part of that grade, however, homework is not graded for accuracy it is graded for completion. For example, if a student turns in homework that is fully completed with maximum effort, then they will receive full points. If a student turns in homework that is partially completed with minimal effort, they will receive partial points, and if a student does not turn in their homework they will receive a 0 for the homework assignment. Having a 0 in an average for a grade can negatively impact a student’s grade. Typically, if a student has received an “A” for every assignment in the class and has one zero, that can possibly bring their grade down one full letter grade.

In this class specifically students will be graded on:

* Class Projects 35%
* Classwork 25%
* Individual Tests 20%
* Homework 20%

***Standards/Content Covered***

The following standards and content will specifically be covered in this class:

***Week 1****: January 25-January 29:* Intro to class, overview of 6th grade math standards

***Week 2:*** *February 1 – February 5:* Multiplication and division with multi-digit numbers and decimals ([CCSS.MATH.CONTENT.6.NS.B.2](http://www.corestandards.org/Math/Content/6/NS/B/2/), CCSS.MATH.CONTENT.6.NS.B.3, [CCSS.MATH.CONTENT.6.NS.B.3](http://www.corestandards.org/Math/Content/6/NS/B/3/))

***Week 3****: February 8 – February 12:* Multiplication and division with multi-digit numbers and decimals, introduction to positive and negative numbers

([CCSS.MATH.CONTENT.6.NS.B.2](http://www.corestandards.org/Math/Content/6/NS/B/2/), CCSS.MATH.CONTENT.6.NS.B.3, [CCSS.MATH.CONTENT.6.NS.B.3](http://www.corestandards.org/Math/Content/6/NS/B/3/), [CCSS.MATH.CONTENT.6.NS.C.5](http://www.corestandards.org/Math/Content/6/NS/C/5/))

***Week 4:*** *February 16 – February 19:* Multiplication and division with fractions, specifically in word problems ([CCSS.MATH.CONTENT.6.NS.A.1](http://www.corestandards.org/Math/Content/6/NS/A/1/))

***Week 5:*** *February 22 – February 26:* Work with algebraic expressions and inequalities*(*[CCSS.MATH.CONTENT.6.EE.A.2](http://www.corestandards.org/Math/Content/6/EE/A/2/), [CCSS.MATH.CONTENT.6.EE.B.5](http://www.corestandards.org/Math/Content/6/EE/B/5/))

***Week 6:*** *February 29 – March 4:* Absolute value and the coordinate system *(*[CCSS.MATH.CONTENT.6.NS.C.7](http://www.corestandards.org/Math/Content/6/NS/C/7/), [CCSS.MATH.CONTENT.6.NS.C.6](http://www.corestandards.org/Math/Content/6/NS/C/6/))

***Week 7:*** *March 7 – March 11:* Statistics and sets of data ([CCSS.MATH.CONTENT.6.SP.A.1](http://www.corestandards.org/Math/Content/6/SP/A/1/), [CCSS.MATH.CONTENT.6.SP.A.2](http://www.corestandards.org/Math/Content/6/SP/A/2/), CCSS.MATH.CONTENT.6.SP.A.3)

***Week 8:*** *March 14 – March 18:* Displaying values on a number line; interpreting data *(*[CCSS.MATH.CONTENT.6.SP.B.4](http://www.corestandards.org/Math/Content/6/SP/B/4/), [CCSS.MATH.CONTENT.6.SP.B.5](http://www.corestandards.org/Math/Content/6/SP/B/5/))

***March 21- April 1:*** *Spring Break* ☺

***Contact Me***

Please feel free to contact me through email or phone at any time. I typically check my email during the week and receive email alerts throughout the weekend.

Email: ms.katie@academyoflit.org

Phone: (775) 737-4084, Monday-Friday 8:30am - 4:30pm