**Ridge Road Middle School**



**Course Syllabus**

**8th Grade Math**

**Tutoring: See individual teacher**

**Website: ravenmath8.weebly.com**

***Course Objectives:***

* **The Number System**
* **Expressions and Equations**
* **Functions**
* **Geometry**.
* **Statistics and Probability**
* **Mathematical Practices**

8th Grade Common Core Curriculum Overview

In Grade 8, instructional time should focus on three critical areas: (1) formulating and reasoning about expressions and equations, including modeling an association in bivariate data with a linear equation, and solving linear equations and systems of linear equations; (2) grasping the concept of a function and using functions to describe quantitative relationships; (3) analyzing two- and three-dimensional space and figures using distance, angle, similarity, and congruence, and understanding and applying the Pythagorean Theorem.

*Required Textbook: Foundations of Algebra*

**Material Needed: Classroom Needs:**

* 3-ring Binder w/4 dividers Tissue
* Lots of Paper Hand Sanitizer
* TI 83 or TI 83 plus graphing calculator Paper Towels
* Colored pencils Expo Markers
* Graph Paper Construction Paper
* Pencils

**Classroom Rules**

* Follow directions
* Come prepared for class (books, paper, pencil, homework)
* Be seated before class starts
* Raise your hand for permission to speak or leave your seat
* Respect the property of others

**Consequences will be consistent with the Raven Way**

* First Time student breaks a rule: Warning with Documentation
* Second time Warning with Documentation/Other Consequences
* Third time Documented Parent Contact/Other

Consequences

* Fourth time Referral to Assistant Principal
* Fifth time Referral/Behavior Modification Plan
* **For severe offences student will be sent directly to an administrator**

**Classroom Procedures**

* Sharpen pencils before class
* Complete warm-up once you enter the room
* Place homework on the right side of your desk
* You are responsible for completing and turning in all missed assignments when you are absent **(Must be completed within 5 days of returning to school)**
* If we leave the classroom as a class, you will quietly line up at the door in a straight line and quietly walk on the right side of the hallway

## Grading Policy

**Formal Assessments**: 65% *(Tests & Projects)* **Informal Assessments**: 35% *(Quizzes, Class Participation/Assignments, and Homework)* **Ridge Road is using the 10-point grading scale: A:90-100 B: 80-89 C: 70-79 D:60-69 F: 59 and below**

*Tid Bits:*

* Students must show all work and complete the entire assignment to earn full credit for classwork and homework assignments
* Unexcused late work will have a 10 point deduction per day
* Students who score 79% or less on a Formal Assessment will have the opportunity to do **one** test retake to improve their grades. **Maximum score on a retake is a 79%. No exceptions.**

**Teacher Expectations**

* Follow all rules outlined in this plan as well as all other school rules
* Be on your best behavior inside and outside the classroom
* Be respectful to all teachers and classmates
* Complete all assignments
* Pass the EOG Test
* **Move on to high school**

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**Student Signature\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Parent Signature\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Please return to the teacher by Friday, September 2, 2016.**