



7-2/8-2 Falcons



Syllabus: Math 8

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Content:

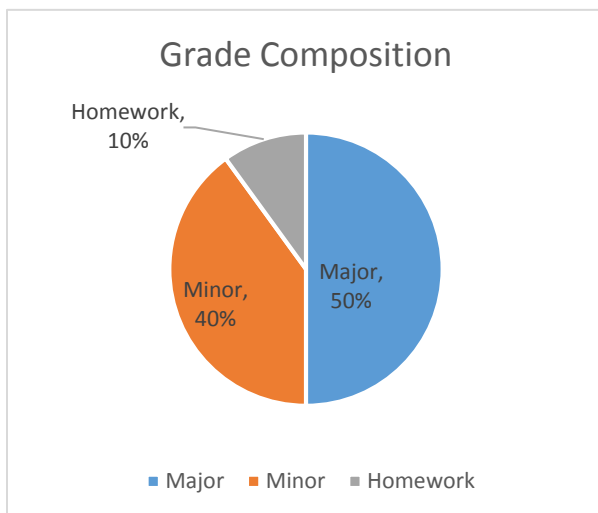
Math 8 is full of new material from 6th & 7th grades. This year will build on your understanding from last year across multiple areas and prepare you for Math 1. There are several new concepts this year that you'll learn about. Below is an outline of the major topics you'll learn this year:

- Number Sense - Squares, Square Roots, Cubes and Cube Roots
- The Real Number System
- Properties of Exponents
- Scientific Notation
- Solving Equations
- Geometric Properties
- Pythagorean Theorem
- Volume of Cylinders, Cones and Spheres
- Identifying Functions
- Linear Functions - Slope
- Linear Functions - Equations of Lines
- Investigating Bivariate Data - Scatter Plots and Two-Way Tables
- Solving Systems of Equations
- Transformations and Properties of Transformation

There are 14 units, each lasting approximately 1-2 weeks. This will be adjusted based on the needs of our class as we go along.

Grading Policies and Procedures:

Your grade, as is true for all classes at Pine Hollow, is based on the following:



- Tests and projects are all major assignments
- Daily warm-ups, weekly spiral reviews, quizzes & some classwork are minor assignments
- I will randomly count homework assignments as homework grades.

You may retake a test (Major) if you do poorly on it, but you **MUST** remediate and have no missing assignments. All retakes will take place on (designated) Wednesday's after school. More information on this will be provided later in the year.

Expectations:

I have high expectations for my students, and I will hold you to them. The major ones include:

- Come to class prepared, with your math notebook, pencil, and agenda.
- Have your homework, pencil and warm-up composition book out on your desk when class begins.
- Have your weekly spiral review ready to turn in each Friday (along with the other supplies from the previous bullet above) at the beginning of class. Spiral reviews are found on my weebly website, www.phmsking.weebly.com.
- Ask questions when you don't understand. I CANNOT help you if you don't advocate for yourself. If you are concerned about what others may say if you ask a question, don't. I do not tolerate that sort of foolishness.
- Do the best you can each day.
- Check google classroom daily for homework assignments. If you are absent, this is the major communication tool you can use to know what we're doing in class. It is **YOUR** responsibility to get your missing work and turn in work that was due when you were out. Hard copies of work missed will be placed in the hanging folder in class. I will **NOT** approach you for either.
- Use the Remind app. To sign up for Math 8, text @phmath8 to 81010. You and your parents should sign up individually. You can sign up to receive text messages or emails.

Please read over this syllabus with your family. You and an adult from your family needs to sign the accompanying page and return it to me as soon as possible.

Angela King

Please cut below and return.

Math 8 Period: _____

Please print the names below:

- Student name: _____
- Adult's name: _____

I understand the syllabus and the expectations set forth in it. I agree to do the best I can throughout the year and will ask questions when I don't understand.

- Student's signature: _____
- Adult's signature: _____
- email address(s) for adult for class communication:
