

Grade 8 Math

Syllabus

Supplies:

You are expected to come to class prepared every day with:

- Sharpened pencil with eraser
- Binder with dividers
- Completed homework
- Scientific Calculator

Skills Covered:

- Approximating irrational numbers
- Work with radicals and integer exponents
- Graph linear equations
- Analyze and solve pairs of linear equations
- Define, Evaluate, and compare functions
- Understand properties of congruence and similarity
- Understand the Pythagorean theorem
- Volumes of cylinders, cones, and spheres
- Patterns of bivariate data

Notes:

Note taking is an important part of mathematics. Notes will be the basis of learning in our classroom. Notes must be neatly placed in binders and kept for reference until Mrs. Say asks that the binders are cleaned out.

Procedures:

There are many procedures in our classroom. Each day there will be a warm-up and agenda posted on the board. Students will immediately get to work on their problem and get out homework from the previous night. Students will work collaboratively with each other when asked and follow all five classroom expectations as posted on the side board.

Homework:

Homework assignments are given to reinforce the lessons that are taught in class. Since a new lesson is taught almost every day in class, you will have homework almost every night. Nightly homework is not *typically* collected and graded for correctness, but is always checked for completeness. Students who have missing assignments will be given lunch detention with a middle school as discussed at the middle school meeting. If you are absent for any reason, you must find your work in the "ketchup" folder and will have extra time to complete the missing assignment.

In math class we learn from our mistakes and our practice makes us better students.

Grading Policy:

I use the point system of grading. Every assignment I give is worth a certain point value. Your final grade in the class is determined by dividing the sum of your earned points by the sum of the possible points on all of the assignments. A breakdown of the typical point values of assignments is listed below:

- Tests: 25 - 50 points each
- Quizzes: 1 point per question (each quiz is typically 10 questions)
- Homework: 3 points per day
- Classwork/Projects: points vary based on assignment
- Participation: 1 point per day (this includes exit slips)

Late assignments will lose ten percent per day. Assignments more than 5 days late will receive a 50% at a minimum. Assignments that are not handed in will receive a 0%.

Extra Help:

If you are ever struggling with a concept we are covering in class please see me for extra help. I have a website which I will be updating regularly. I will be posting mini lessons using SMART Board videos in case you need a refresher or miss class for any reason.