

Trig Syllabus

Mrs. Raines

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Course Description: This course is a continuation of the techniques, approaches, and thought processes of using Algebra in mathematical problem solving. This course includes the study of graphs and interpretations of various kinds of algebraic relations and functions, manipulation and solution of these relations and functions, and problem solving and application of skills. These include linear, quadratic, exponential, radical, logarithmic, inverse, conics, rational functions, probabilities, and statistics.

This information sheet will tell you how our class is organized and what is expected of you. Save this sheet and place it in your notebook.

Student Responsibilities

1. **Bring to class daily:** Book, Notebook, Pencils, Graph Paper, and Calculator.

Class time is important. Bring needed items every day.

2. **Arrive on Time.** Tardy = Referral.

3. **Notebook.** Use a three ring binder with loose-leaf paper and dividers.

Divide as follows:

- Information and Grades – this sheet and a grade page for each grading period.
- Reference – contains any reference pages for various topics.
- Class Notes & Assignments – contains daily notes, examples, handouts, worksheets, and assignments. Please keep in chronological order, either direction.

- Theology – contains a list, we will build all year by chapter, of Scriptures and Theological thoughts that are represented by our math concepts.

A pencil pouch in the front of the notebook is a convenient and safe place to store the loose items you should bring to class.

4. Assignments. Do assignments on loose-leaf paper in pencil. Show all work and attempt all problems. Correct all assignments to the side of the original. Do not erase the mistakes- we can learn from them.

Include the date, page, and assigned problems on the top of the assignment, and keep work in the notebook in chronological order. This will help with notebook checks. Each assignment is worth 5 points on a Notebook check.

Homework is usually assigned daily. It is to reinforce the day's lesson in various applications and depths.

5. Participate fully in all class activities.

6. Review for tests.

7. Complete assignments missed when absent. Meet with me to get help and check work.

8. Get extra help if needed. Come by to get a tutorial pass if you need to get extra help. I will also be available at lunch.

9. Cheating is not for us. All work should be the work of you as the individual student, unless group work is assigned. Tests, quizzes and projects are individual performance opportunities.

Grading System

Grades are based on total earned points divided by the total assigned points.

Grades come from quizzes - 25 or 50 points per chapter, chapter tests – 100 points, and notebook checks – 50 points.

- Quizzes may or may not be announced.
- Tests are preceded by a review and will be announced several days in advance. Generally occurring on Friday's.
- Notebook checks are a selection of problems from the homework assignments for a time period. These are graded for accuracy. This should be a free 100% for everyone.
- Projects will be throughout this class. And there is a major project tied closely to the class curriculum that will be introduced soon. This will include a paper, presentation, an explained math problem, a student made worksheet, and a teaching visual. It will be worth 160 points in the 4th quarter grade.
- Late work will receive an 11% penalty.

Make-up work

If a student is absent, the missed work must be made up. The student should schedule a time for making up tests, quizzes, and notebook checks.

If a student is absent or checks out on the day of a scheduled grade, they should check with me about a make-up. If this is a known absence, a plan should be made prior to the absence.

If a student schedules a make-up test and fails to show, the late work penalty will apply.

Other procedures

- Respect self, teacher, classmates, and property.
- Participate in discussions with appropriate responses on topic.
- Practice self control. Referrals will be given for repeated disruptions.