

GEOMETRY SYLLABUS 2023-2024

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Course Description

Geometry is the branch of math primarily concerned with two and three-dimensional figures and their properties. Using algebra, inductive and deductive reasoning, measurement and coordinate geometry we will explore these properties throughout the year.

Helpful Materials

1. Pencils/Erasers
2. Binder with paper OR Spiral Notebook & Folder
3. Computer – charged! & Power Cord (NOT required but useful)
4. Textbook – on-line book is accessed through the 1Link Resources

Online-Resources Used in Class

1. Schoology – Online digital platform, will have all information, and some HW, quizzes, & tests
2. Formative – In class activities, HW, Quizzes, & Tests
3. DeltaMath – In class activities, HW, Quizzes
4. Desmos – In class activities, HW, Quizzes

Tutorials

See schedule on Schoology.

You may ALWAYS reach out to your teacher via Schoology message to request help.

Grade Details

Daily Grade: 50% (minimum of 6 per nine weeks)- comprised of the following

- **Activities in class** - including warmups, exit tickets, etc. will be included in this category. There will not be a daily grade every day. Activities are to check understanding of the materials presented. There are no retakes if absent you will be excused from activity if it was a grade.
- **Practice** - practice is essential to success in mathematics, so to help with that there will be daily assignments. Practice that doesn't get finished in class will be completed outside of class. Most homework will be due 7am the following morning. Students should show all of their work in an organized manner on paper. Practice checks understanding of the materials presented. There are no retakes. They will only be accepted for a late grade of 10 points per day to max 50 points off and must be completed before 7am on the day of the test. It is the student responsibility to tell their teacher they have completed it before the test.
- **Quizzes** - Expect to have one to two quizzes per test. Quizzes will be given after every one or two sections of study to monitor progress. Some are announced to allow students time to prepare, others will be pop quizzes. Quizzes are to check understanding of the materials presented. There are no retakes of quizzes.

*****Note not all assignments will be a skyward grade***

Tests: 50% (minimum of 3 per nine weeks)

There will be a major test approximately every 3 weeks. Test dates will be announced at the start of each unit and preparation for these tests should be ongoing. Tests are **cumulative but not progressive**, so review previous unit information as well as current unit material. Most tests will be taken digitally on Schoology or Formative.

If you are absent on the day of the test, you will have the next class period to make it up. If absent for both test day and next day, you must schedule a make-up time with your teacher. When absent on the day of the Test Review only, the student will take the test with the rest of the class on the previously announced test date. A teacher's absence on review day does not change the originally scheduled test date, so BE PREPARED!

Retesting Policy

Per FBISD Grading Policy, a student is permitted the chance to recover a failing major grade of below a 75. Students will have one week from the return of a graded test to retake the test. The retake test will cover the same material but will not be the same test, nor the same questions. Retake windows will be provided to all students when the tests are scheduled. To retake the student must first complete test corrections. The max score a student can score on a retest is a 75.

General Expectations

- Be on time and participate fully in any in-class activities or exercises
- Take notes! This includes definitions, diagrams, formulas and examples. Your notebook is your reference guide. Looking in your notes should be the first thing you do when you are confused.
- Cheating is **not** tolerated. You will receive a **zero** on the assignment/test and the incident will be reported to the assistant principal. Cheating includes both giving and receiving answer(s).

Hints for Success

Showing Your Work

In order to receive credit on an assignment, test or quiz, appropriate work must be shown in order to justify one's answer. With some exceptions, most questions require some work in order to be completed. Students will lose credit if sufficient or appropriate work is not shown, even if a correct final answer is given. No partial credit can be given when no work is shown so it's to your advantage to show your work!

Fix Your Mistakes

Attempt every problem and make note of which problems you struggled with. Re-work and revisit those questions – especially before a test or quiz! If you get a question wrong, you must try your best to correct it. If you never fix your mistakes and learn from them, you will repeat them.

Getting Help

If you are stuck, seek help. Your notes, Schoology and tutorials are there to help you. Multiple additional resources will be posted for every unit on Schoology – they are there for you!

How to study

In math, studying is DOING. Just like in sports and the arts, you don't get better by watching someone else do it. And you don't get better by practicing what you already know how to do. You get better by practicing what you are NOT good at. The exact same premise applies to math. If you know how to do a type of problem, and have proven it on homework and quizzes, then you don't need to keep doing that type of problem. You need to work on the types of problems that you have been getting wrong. And this is HARD to do! That is where using all of your resources is key.

Work a Little Every Night

Consistent completion of classwork (which then becomes homework) is essential for success in the course. Homework is an opportunity for students to practice, work independently to see if they understand the material, and wrestle with challenging problems. When confused about a homework problem, students should reference their notes, review videos and resources, contact friends and attend tutorials. They should never leave a question blank or un-attempted. "I didn't get how to do it" is not an acceptable reason for not completing an assignment.