

Geometry

Google Classroom code: CXCAF XO

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Hello Twindly Parents and Students,

This is a course for students in the homeschool setting. The parent teacher is the primary person responsible for overseeing completion of this course. School staff will provide support through 1) instruction 2) reviewing concepts that were difficult and if time allows administering tests.

The parent teacher will help the students to complete their assignments and grade their assignments, so the student is ready to ask questions before receiving the math test. If students do the assigned chapters, they will finish the Math U See Algebra book. Completion of the student book and tests is completion of the course. Parents should turn in their work samples like if they were teaching the class; however, they need to turn in the graded objective/standards checklist as a work sample each quarter..

Description of course content for credit

2221/2222 Geometry 1CR

APS: Y

Repeatable: N

NCAA:Y

Geometry includes an in-depth analysis of plane, solid, and coordinate geometry as they relate to both abstract mathematical concepts and real-world problem situations. Topics include inductive and deductive logic and proof, parallel lines, polygons, perimeter and area analysis, volume and surface area analysis, similarity and congruence, and geometric probability. Emphasis will be placed on developing critical thinking skills as they relate to logical reasoning.

Skills needed to succeed- good logic skills, operations skills including with fractions, beginning exposure to radicals (Solid pre-algebra skills)

Learning activities for course

1. Homework

Students will be required to come to class with assigned chapter/s finished and graded. This is extremely important because this information builds and students will get further and further behind other students. Repeated failure to do homework in a timely manner could cause your student to ask to leave the class or their frustration. If students are struggling with a concept or have had to miss classes, the google classroom has videos of the lessons.

2. Grading

Homework includes Honor Page

The teacher grades homework based on effort. Completion of the assignment gets them a 100%. Every problem has to be attempted to get a 100. It is either a 100 or a 0. PARENTS are responsible to grade for correctness, so students are ready to ask questions at the start of class. Students are responsible to advocate for what they do not understand. This should be **50%** of their grade.

If students have mastered the subject, they can challenge doing the homework by taking the test without notes and scoring an A. The honor section and the last page of the chapter's homework should be completed, all the rest (A-D) maybe waived.

The Honors section in many chapters are the only time certain geometry standards are covered. The teacher will go over these to help with concepts before students turn in their homework. Students need to attempt before class.

Tests

It is the parents' responsibility to administer any tests that the student missed by being absent. This is only **40%** of their grade. If students miss class or due to lack of time in class, the teacher will send the test book home with the student to administer the test at home. If the parent administers the test they need to grade, and sign the test. If they do not sign the test a reminder will be sent home and the test will be a zero until parents sign and grade.

Notes

We will be doing doodling notes this year to help with retention of concepts and definitions. Accommodations will be made for those with dysgraphia. They need to write the definitions or concepts but do not need to doodle. This will be **10%** of your grade. Their notes will be allowed on the final.

What the Advisor wants to see at Grade Conference

The parent teacher will provide the signed objective/standards checklist for grades at the quarter and semester grade conferences.

ATTITUDE AND BEHAVIOR

You are expected to act like a competent and responsible student in my class. Failure to maintain self-discipline and good study habits will result in your immediate drop from the course. I expect you to be an active participant in the class and the learning process. Do not do anything in my class that would detract from the learning atmosphere of the classroom. General class etiquette must be observed during class time. This includes being respectful and courteous to the instructor and fellow students, and actively participating. In your communications with fellow students and the instructor, exhibition of the following is

prohibited: anger, sarcasm, and swearing. Any derogatory or racial comments, sexual innuendos or harassment, threats of violence or retaliation will result in a trip to the principal .

YOUR RIGHTS

In this class you have the right to:

- 1 A safe learning environment.
- 2 Report any and all problems or concerns to the teacher without feeling intimidated or afraid that your grade or class standing will suffer.
- 3 Receive a meaningful and useful education. This means that the teacher will be well prepared, have a variety of learning activities available, and will not waste your time and energy by giving you meaningless “busywork”.
- 4 Have a learning environment that is free of drugs and alcohol.
- 5 Get all the help you need from the teacher in order to learn the subject matter. Do not be afraid to ask the teacher for help at any time.
- 6 Make good choices and to express your own thoughts and ideas.
- 7 Be yourself and have fun while learning.

Attendance-Please be on time and come to class.

Students who do not show up with work completed, late or miss classes will affect the learning of the other students.

If you miss more than 3 classes or are consistently tardy you may be asked to leave the class. If you have an emergency please contact the teacher for accommodations. This includes having to wait in line for my coffee. You are expected to be in your seat when class is set to start. The knowledge in this class is made to build on. Missing classes leaves holes which are your responsibility to fill, not the teachers.

Scope and Sequence

1st Semester

Week 1, September 11th, Welcome Teach, Chapter 28

Week 2, September 18th, Questions on Chapters 28, Teach Chapter 1

Week 3, September 25th, Questions on Chapter 1, Teach Chapter 2

Week 4, October 2nd, Questions on Chapters 2, Teach Chapter 3 and 4

Week 5, October 9th,, Questions on Chapter 3 and 4, Teach Chapter 5

Week 6, October 16th, Questions on Chapter 5, Teach Chapter 6 and 7

First Quarter Ends on October 18th

Week 7, October 23rd, **No Class** Class is canceled due to PSAT testing at the school but you are still responsible for homework.

Week 8, October 30th, Questions on Chapter 7, Teach Chapter 8

Week 9, November 6th, Questions on Chapter 8, Teach Chapter 9 and 10

Week 10, November 13th, Questions on Chapter 9 and 10, Unit 1 Test Teach, Chapter 11

Week 11, November 20th, Questions on Chapter 11, Teach Chapter 12

Week 12, November 27th, Questions on Chapter 12, Teach Chapter 13

Week 13, December 4th, Questions on Chapter 13, Teach Chapter 14 and 15

Week 14, December 11th, Questions on Chapter 14 and 15, Dilations and translations

Spring Semester

Week 1, January 22nd, Teach Chapter 16

Week 2, January 29th, Questions on Chapter 16, Teach Chapter 17

Week 3, February 5th, Questions on Chapter 17, Teach Chapter 18

Week 4, February 12th, Questions on Chapter 18, Teach Chapter 19

Week 5, February, 19th, Questions on Chapter 19, Unit 2 Test, Teach Chapter 20

Week 6, February 26th, Questions on Chapter 20, Teach Chapter 21 and 22

Week 7, March 4th, Questions on Chapter 21 and 22, Teach Chapter 23

End of 3rd Quarter March 6th

Week 8, March 25th, Questions on Chapter 23, Teach Chapter 24

Week 9, April 1st, Questions on Chapter 24, Teach Chapter 25

Week 10, April 8th, Questions on Chapter 25, Teach Chapter 26

Week 11, April 15th, Questions on Chapter 26, Teach Chapter 27

Week 12, April 22nd, Questions on Chapter 27, Teach Chapter 29

Week 13, April 29th Questions on Chapter 29, Teach Chapter 30 Unit 3 Test

Week 14, May 6th, Final and Tessellations

Geometry

Parent

Date _____

I, _____ the parent of _____, agree to support my student in following class expectations in behavior, grading, attendance policies, and I will sign and submit the learning objective/standards checklist in their ParentVue for each quarter review.

How would you like to be contacted?

Who is your advisor?

Choose one of the following and initial the blank space:

_____ I, _____, the parent or guardian, release the facilitator to know about my child's 504/IEP plan accommodations.

_____ I do not have 504/IEP accommodations or do not authorize facilitators to know my child's 504/IEP accommodations.

Parent/Guardian Signature _____ Date _____

Student's Signature

Date _____

I, _____ agree to follow the class expectations and policies.