# Getting Ready for Geometry

Hello!

My name is Ms. Likamwa. I'll be your Geometry teacher this upcoming year. Though we'll work together to help you succeed, high school level math can often seem rigorous and fast-paced for students who aren't prepared for the course. We'll build up the work ethic you'll need together from day 1, but you'll also prepare by making sure you know your math concepts from last year!

Before the first day of school, please **complete the summer work** attached, **purchase any supplies** you don't have, and **read through the syllabus** so that you know what to expect.

## Supply List

- Book: Geometry Guided Notes and Homework Packet - bought from SFCA staff
- Pencils
- 1 to 2 inch 3-ring binder to keep notes/work in
- Compass and Protractor
- Filler Paper - Graph Ruled
- Colored Pencils or Mild Liners
- Graphing Calculator (TI-84 and similar are acceptable, TI-Nspire preferred*)

*Note: The TI-Nspire is a fancy graphing calculator. It can be very useful to have in Geometry and higher level math courses, including collegiate courses. However, options such as the TI-83 or TI-84 will be able to do all the processes we'll need for Geometry.

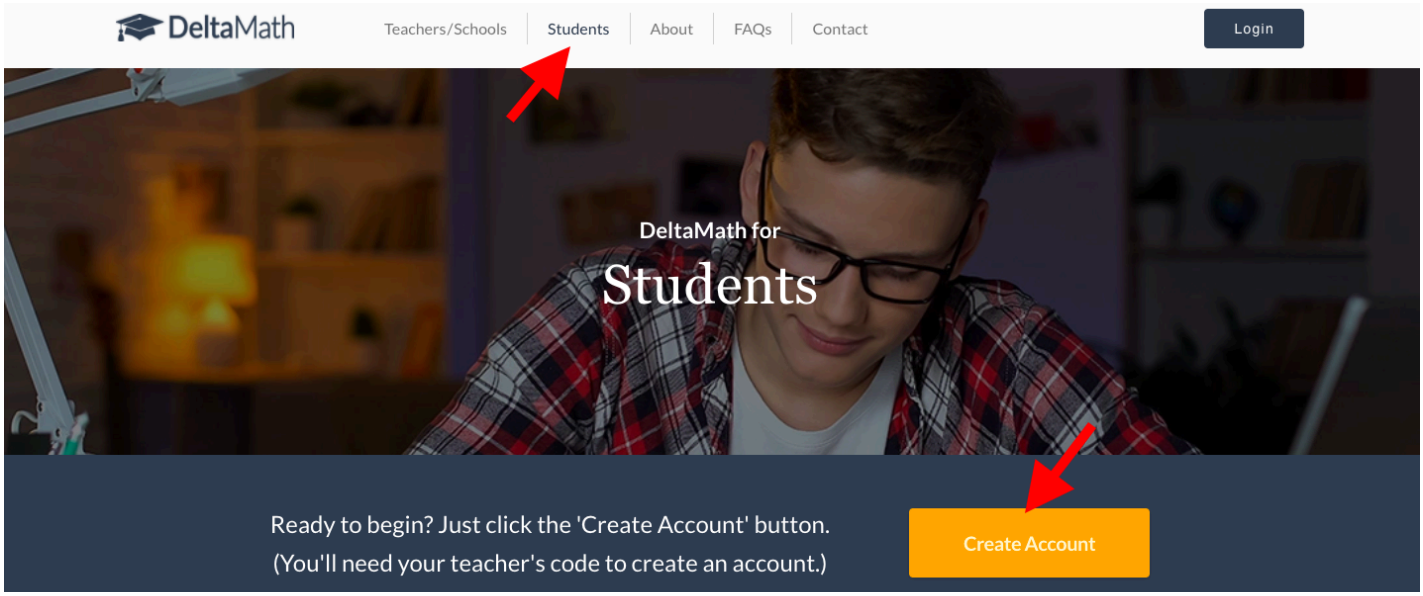
## Summer Work

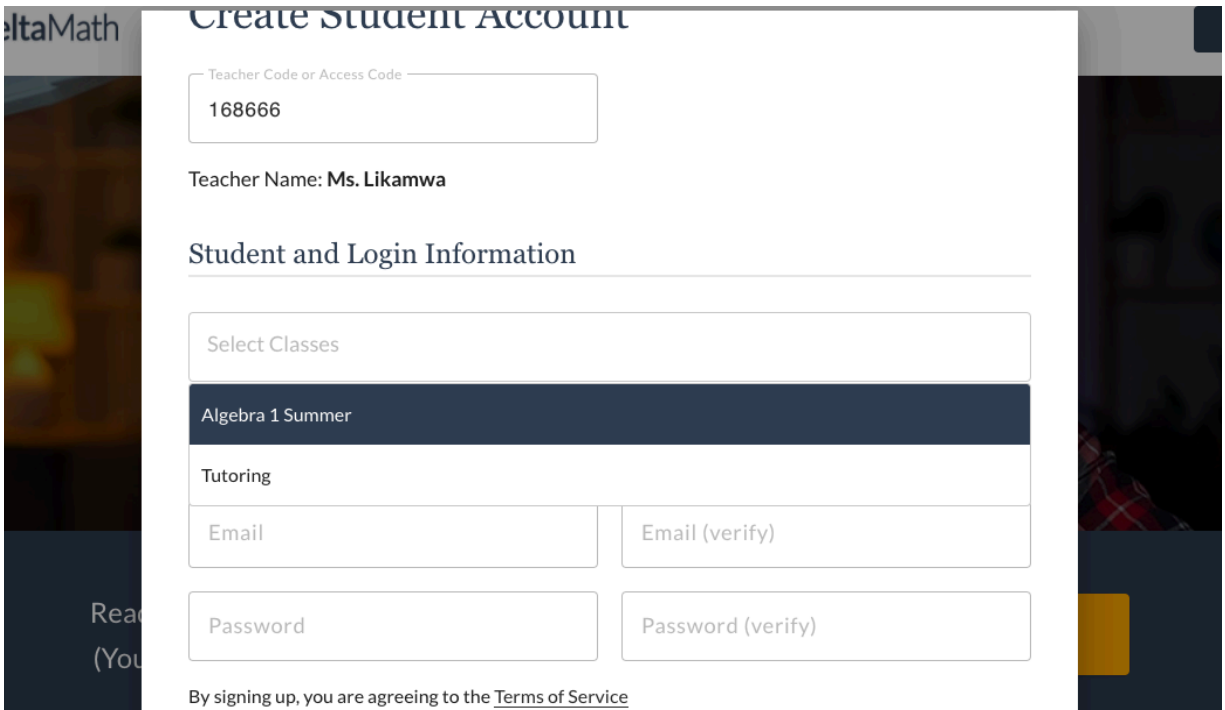
To get you warmed up for Geometry, please complete the Deltamath assignments below **before the first day of school**. They should just be refreshers from Algebra and previous math classes, but don't worry if you can't remember something - if you need extra help, there are examples in each problem! If you have questions about any of the instructions or activities, email me at mlikamwa@sfcawolves.org.

1) If you **do not** have a Deltamath account:
    a) Go to www.deltamath.com and click "For Students," then "Create Account," then "Sign up with DeltaMath."
    b) Input the teacher code **168666**.

c) Select the period **"Geometry (Non-Honors) Summer 2024"** and input the rest of your information. If you don't have an @sfcawolves.org email address, just use your personal email address. Make a password that you'll remember!

2) If you **do** have a Deltamath account:
   a) Go to deltamath.com and log into your account.
   b) Click the "Tools" tab at the top of the page, and click "Manage Login and Teachers."
   c) Click "Add Teacher" and input the teacher code **168666**.
   d) Select the period **"Geometry (Non-Honors) Summer 2024"** and click "Add."
3) Complete the activities! Try to do them on your own without assistance from other people or Photomath. If you need help, you can see other problems/examples in each activity. You can email me to confirm that you've completed the assignments, but I should be able to see your progress regardless.



# Syllabus for Geometry (Non-Honors)

Teacher Information:

Ms. Melissa Likamwa

Contact me through email (mlikamwa@sfcawolves.org) or Canvas inbox!

Usual "office hours": M-F 7:30am - 8:10am and 3:15pm - 4:30pm (most days) in Room 413

Course Description

In Geometry, students will prove and apply relationships and theorems involving two-dimensional figures, establish congruence and similarity using criteria from Euclidean geometry, extend knowledge of geometric measurement to 2-D figures and 3-D figures, create and apply equations in the coordinate plane, and develop an understanding of right triangle trigonometry.

Materials

- No textbook - packet of guided notes and assignments instead
- Pencils and colored pencils or pens
- 1 to 2 inch 3-ring binder to keep notes/work in
- Compass and Protractor
- Filler Paper - Graph Ruled
- Graphing Calculator (TI-84 and similar are acceptable, TI-Nspire preferred*)

Expectations for you:

1. Arrive ready to learn - Checking Canvas, being on time, having all required materials, following instructions, doing assigned work, avoiding too many distractions, and keeping your phone away.
2. Try your best to understand - Math can be difficult, but it's not impossible! If you follow along in class, do the work, and study as much as you can, you will do just fine.

Expectations for me:

1. I will almost always give you enough time to start on your homework - often, you'll be able to finish it if you're on task.
2. I will be available to help by email/Canvas inbox or in person before and after school most days of the week (once my schedule is confirmed), and will do my best to help you succeed.

| Grading Scale: | Breakdown: | | Each Semester: | |
|---|---|---|---|---|
| A = 90 - 100% | Classwork: | 20% | Quarter Grade: | 40% |
| B = 80 - 89% | Homework: | 20% | Quarter Grade: | 40% |
| C = 70 - 79% | Quizzes: | 25% | Exam: | 20% |
| D = 60 - 69% | Tests: | 35% | | |
| F = below 60% | | | | |

Assignments are always posted on Canvas!!! Check Modules if you can't find something!

Classwork: This consists of work that we do in class, including worksheets, entrance/exit tickets, group activities, review day participation, and other assignments you are asked to complete.
Homework: Homework is checked at the beginning of each class. The homework grade consists of both accuracy and effort, and is designed to ensure you have enough practice with the concepts we learn in class or to locate specific misunderstandings you may have with a concept.
Quizzes: Quizzes or mini-quizzes will normally be given weekly and will cover 2-4 lessons as checkpoints for your understanding. Most quizzes will be open-note, but using another student's notes will be considered cheating and will result in a zero.
Tests: Unit tests will not be open-note, but may involve a notebook check.
Participation: 5 points will be awarded per day for on-task behavior. Points will be taken away for having phones/tech out without permission, disrupting the class, unexcused tardies, or other negative behaviors.

Late Work Policy:
I don't take points off for late work, but will only accept it if turned in by the day of the next quiz or test. (Exceptions will be made in extenuating circumstances.) If you have an excused absence, school procedures will be followed and you will have the extra make-up days.

How do I study for math?

- Take notes and participate in class, try to ask and answer questions
- Practice problems in class and on your own
- Do work on your own (not copying from friends or PhotoMath, although you can use these resources to help you understand or check your work)

A typical week in Geometry looks like a mixture of the following:

- Daily note-taking in class
- Daily homework page in class or at home
- Weekly activities to review concepts such as bingo, stations, scavenger hunts, mazes, study guide building, Kahoot, Quizlet Live, Quizizz, Deltamath, Blooket, and more.
- Bi-weekly mini-quiz/quiz/test to show what you know

Key things to remember:

- Check Canvas often
- Try your best and work hard to understand
- Communicate with me when you need help

**Let's make this school year great!**