Central Catholic HIGH SCHOOL

Math Department
June 2026

GEOMETRY SUMMER MATH INFORMATION

Dear Geometry Student,

The Mathematics Department at Central Catholic High School would like to congratulate you on your placement in Geometry for the fall of 2026.

Geometry is a rigorous and demanding course that teaches students to think, reason, and communicate mathematically. Students will use variables to determine solutions to real-world problems. Skills gained in Geometry provide students with a foundation for subsequent math courses. A scientific or graphing calculator is required for this course and should be brought to class each day, starting the first day of school. We recommend a graphing calculator (TI 84 or higher) since that is the requirement for math courses after Geometry, but a scientific calculator (TI 30) will work for this year if that is preferred.

In Geometry, students will apply their algebraic skills in various problem-solving situations. To help you review pertinent algebra skills that will be used in Geometry, we have compiled a short list of activities for you to complete using Khan Academy over the summer. Khan Academy is a free resource that provides learners access to practice problems and instructional videos on its website khanacademy.org.

Please create a Khan Academy account or use your school Google account to log in to the website. Then complete the list of activities ***on the next page*** by the first day of school. Students will have a small assessment over the content covered in their summer math activities during the first week of school.

Make sure to take note of the email and password you chose to complete these activities so you will have access to your Khan Academy account in the fall. If you have any questions, please contact your Geometry teacher via their school email.

Have a safe and relaxing summer. We look forward to seeing you in the fall.

Sincerely,

Math Department

CREATING A KHAN ACADEMY ACCOUNT

1. Go to the website khanacademy.org and click “Login.”
2. Then you can click “Continue with Google” to link your Khan Academy account to your school Google account. Enter your school email (first.last@cchsrams.com) and password. You will use this method to log in each time you go to the website.
3. If you do not have access to your school Google account, instead of “Login,” click “Sign up.”
4. Then you will be given the option to use any email to create an account.

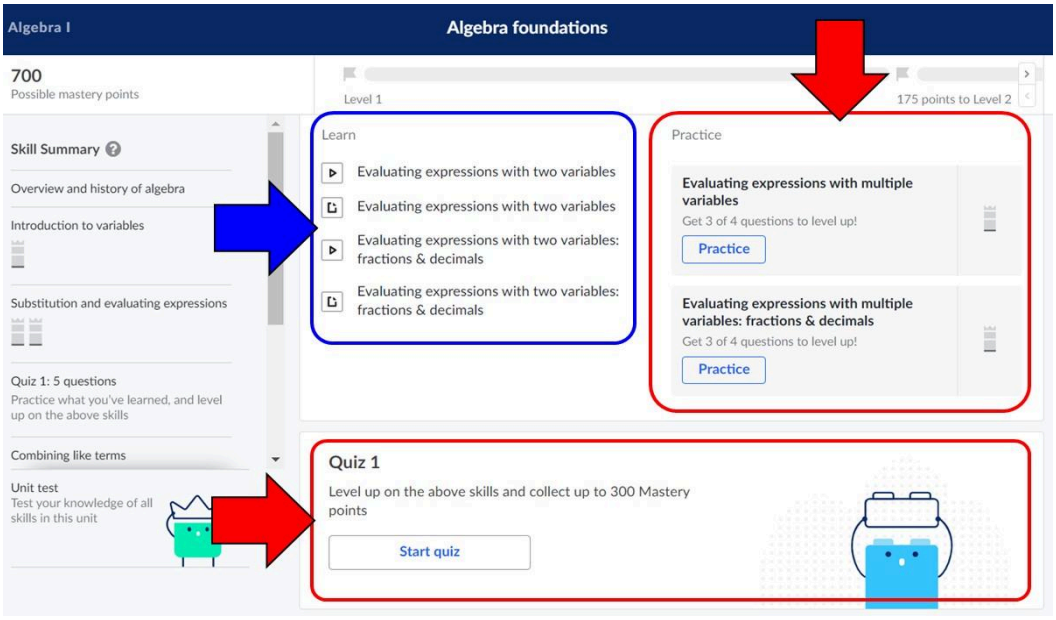
KHAN ACADEMY ACTIVITIES TO COMPLETE OVER THE SUMMER

After logging in to your Khan Academy account, work on completing the following Khan Academy units by clicking on the links below.

https://www.khanacademy.org/math/pre-algebra/pre-algebra-equations-expressions • SKIP “Dependent and independent variables” section and the Unit Test
https://www.khanacademy.org/math/algebra/x2f8bb11595b61c86:solve-equations-inequalities • Complete ONLY the first two sections and Quiz 1

Please complete all Practice activities as well as all Quizzes & Unit Tests unless otherwise indicated above (see red arrows). You must score at least a 70% on the quizzes and unit tests.

This is an example of what type of activities and resources you will see. Please note that your link may have different content than what is shown below.



IF YOU NEED HELP LEARNING THE MATERIAL

Please use the resources listed under “Learn,” which include both lesson tutorial videos and interactive help web page articles.