

**PRECALCULUS SUMMER MATH REVIEW INFORMATION**

Dear Precalculus Student,

The Mathematics Department at Central Catholic High School would like to congratulate you on your placement in Precalculus for the fall of 2022.

Precalculus is a rigorous and demanding course. The Precalculus course will quickly review Algebra II topics and then move into Precalculus material. A Texas instrument graphing calculator (TI-83/TI-84 or higher) is required for this course and should be brought to class each day, starting the first day of school.

In the fall we will use the first few weeks of school to review concepts of Algebra II. To help you prepare for this material, we have compiled a short list of activities for you to complete using Khan Academy over the summer. Khan Academy is a free resource which provides learners access to practice problems and instructional videos on their website [khanacademy.org](https://www.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! Completion of these activities will count as the first two assignments in your Precalculus class.

If you have any questions, please contact your Precalculus teacher via their school email.  
Have a safe and relaxing summer. We look forward to seeing you in the fall.

Sincerely,

Kimberly Zoucha  
Co-Math Department Chair

## CREATING A KHAN ACADEMY ACCOUNT

1. Go to the website [khanacademy.org](https://www.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](mailto: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 unit by clicking on the link below.

<https://www.khanacademy.org/math/get-ready-for-precalculus/x65c069afc012e9d0:get-ready-for-polynomials>

- SKIP the “Adding and subtracting polynomials” section
- SKIP Quiz 1

Please complete all Practice Activities and Quizzes for the unit linked except the ones that you are indicated to skip above (see red arrows below)

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.

The screenshot shows the Khan Academy interface for the 'Algebra foundations' unit. The left sidebar lists various skills and activities, including 'Skill Summary', 'Overview and history of algebra', 'Introduction to variables', 'Substitution and evaluating expressions', 'Quiz 1: 5 questions', 'Combining like terms', and 'Unit test'. The main content area is divided into three sections: 'Learn', 'Practice', and 'Quiz 1'. The 'Learn' section contains four video lessons on evaluating expressions with two variables. The 'Practice' section contains two interactive exercises on evaluating expressions with multiple variables. The 'Quiz 1' section is a unit test. Red arrows point to the 'Practice' and 'Quiz 1' sections, indicating they should be skipped. A blue arrow points to the 'Learn' section, indicating it should be completed.

## 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.