



Dear Future AP Math Students,

We hope you have had a great school year!

As you may be aware, a summer assignment has been designed to help you get ready for each AP math course you will be taking next year. It covers many of the topics that you have learned previously, which we will be building on. Although everything assigned should be a review of prior concepts, you will have the opportunity to get hints and watch tutorial videos just in case you need a refresher.

**The attached guide will help you get started, and the Khan Academy class code for each course is as follows:**

AP Precalculus - Get Ready for Precalculus: [PKNM4D8J](#)

AP Calculus AB - Get Ready for AP Calculus: [8X2BHKCH](#)

AP Statistics - Get Ready for AP Statistics: [3ZQNEYES](#)

**Please use your CCS student email as your USERID so we know who you are.**

We hope you have an amazing summer and look forward to seeing you in August!

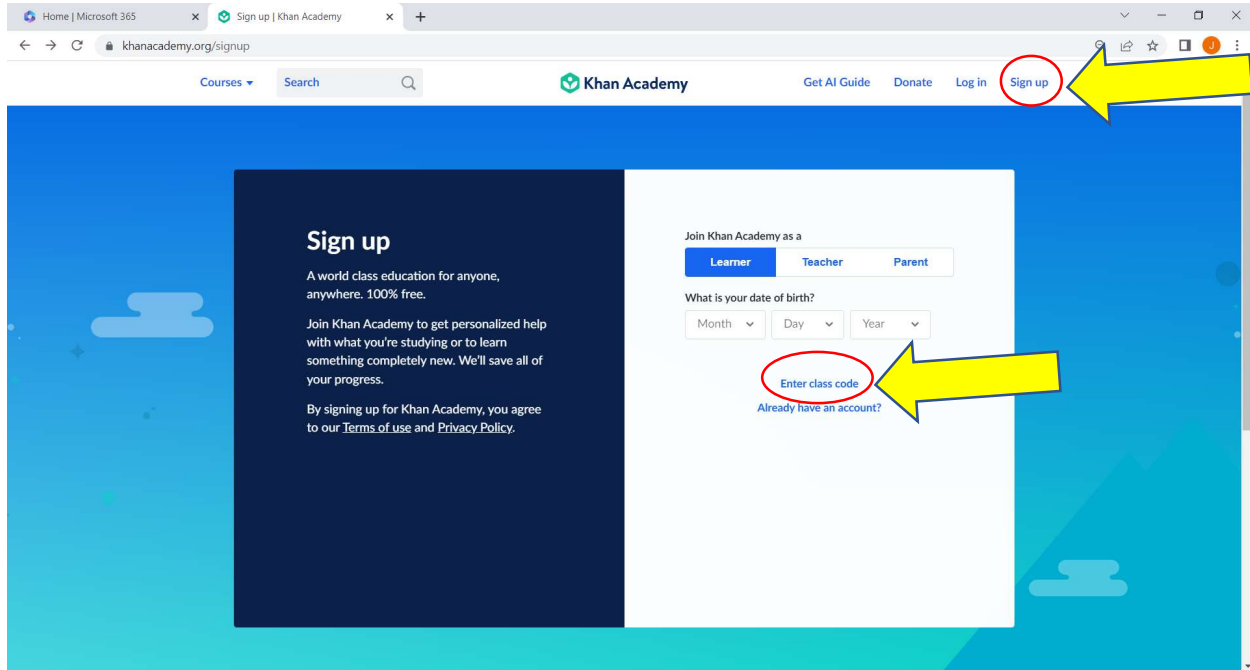
Blessings,

Mrs. Thomas and Mrs. Loughlin

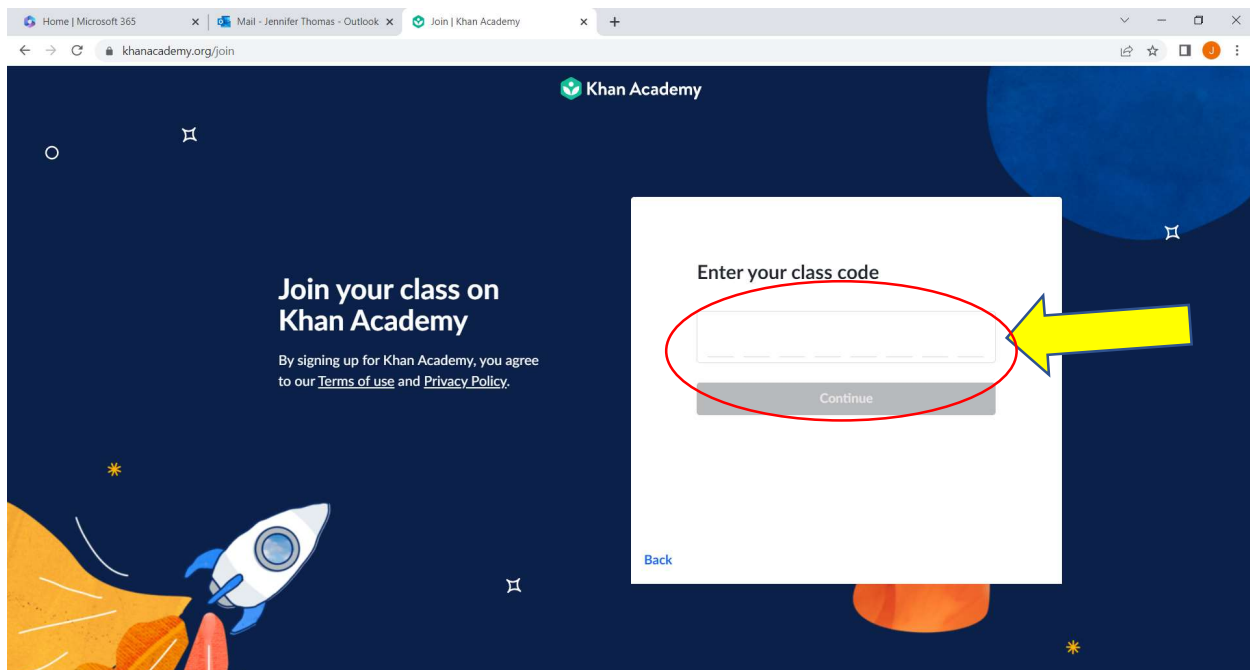
## Summer Math Assignment – Student Guide

Students have been assigned a review of pre-requisite skills for their upcoming math course this fall. Both students with and without a current Khan Academy account should follow the steps below.

Go to [khanacademy.org](https://khanacademy.org) and click on the “Sign up” link in the upper right corner of the screen. You will be presented with the window below. When the “Sign up” box is displayed, click on “Enter class code.”

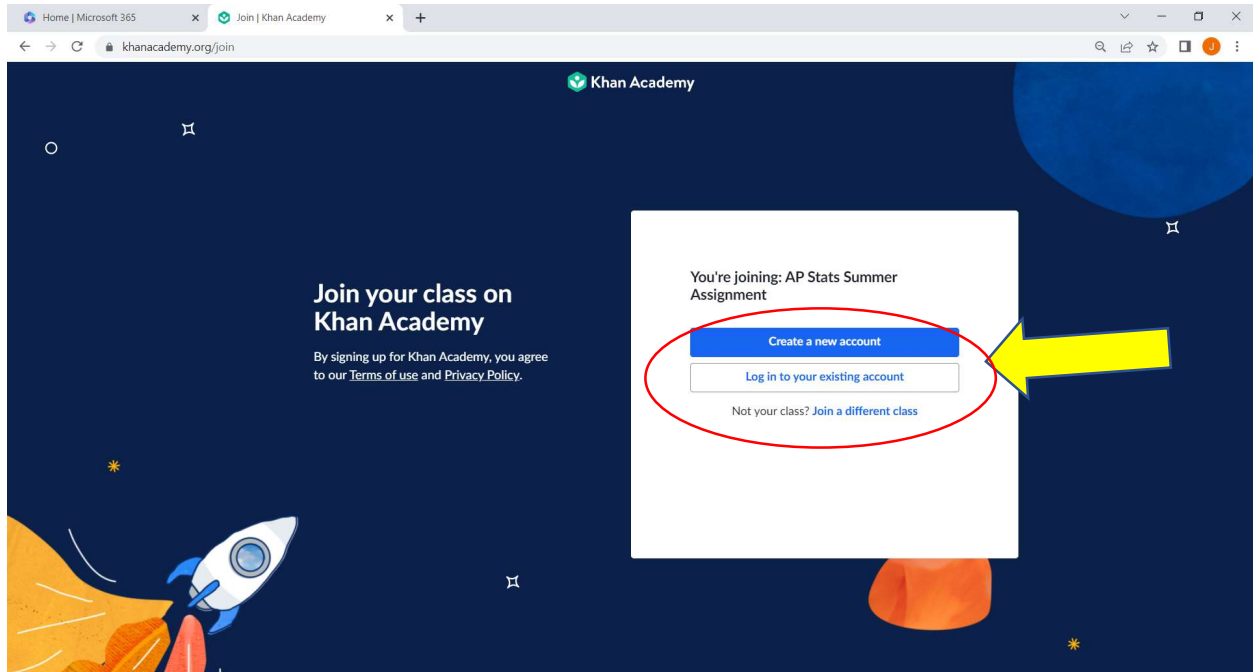


Enter the class code for your summer math assignment and click on the “Continue” button below the box. Use your CCS email address as your USERID so we know who you are.



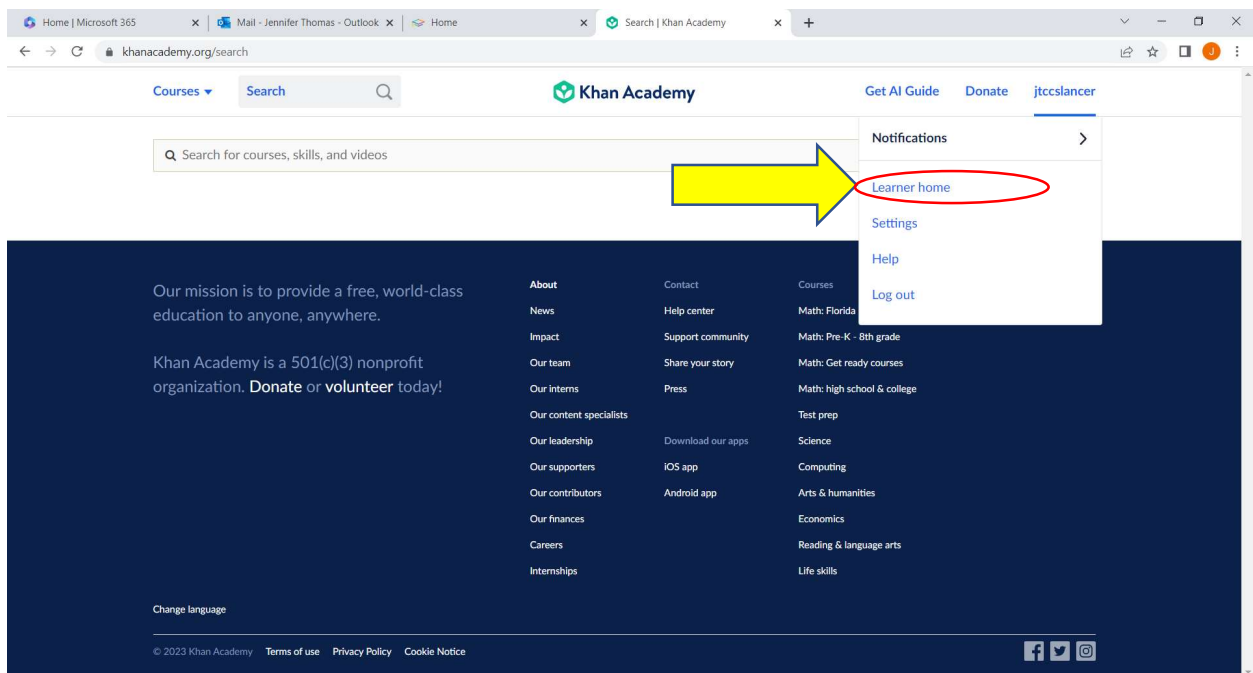
## Summer Math Assignment – Student Guide

You will be prompted to create an account (for those who do not have one) or log in to your existing account (for those who have an established account). Students who are not 13 or older will need parent assistance to create an account. Remember, use your CCS email address as your USERID so we know who you are.



**After your account is established, you will access your summer skill assignments as shown below.**

Once logged in to your Khan Academy account, click on your username in the upper right corner to access the dropdown menu. Select “Learner home.”



## Summer Math Assignment – Student Guide

On the Learner Home screen displayed below, click on “Assignments” on the left sidebar to access your summer assignments by skill. Then click the “Start” button to the right side of the skill listed at the top.

The screenshot shows the Khan Academy Learner Home page for user jttcslancer. The left sidebar has a red circle around the 'Assignments' link, with a yellow arrow pointing to it. The main area displays 'My assignments' for the 'AP STATS SUMMER ASSIGNMENT'. A table lists assignments with their due dates and 'Start' buttons. The first assignment, 'Creating frequency tables', is highlighted, and a yellow arrow points to its 'Start' button.

ASSIGNMENT	DUE DATE & TIME	STATUS
* Creating frequency tables	Aug 4th, 11:59 PM	Start
* Create bar graphs	Aug 4th, 11:59 PM	Start
* Solve problems with bar graphs	Aug 4th, 11:59 PM	Start
* Get ready for exploring categorical...	Aug 4th, 11:59 PM	Start
* Relate fractions, decimals, and per...	Aug 4th, 11:59 PM	Start
* Equivalent representations of perc...	Aug 4th, 11:59 PM	Start
* Finding percents	Aug 4th, 11:59 PM	Start
* Percent word problems	Aug 4th, 11:59 PM	Start

You will be presented with a practice screen like that below. Click “Let’s go” on the bottom right corner of the screen.

The screenshot shows the Khan Academy practice screen for 'Creating frequency tables'. The left sidebar shows the assignment details, including the course 'Get ready for AP® Statistics' and the lesson 'Lesson 1: Frequency tables'. The main content area has a 'Ready to practice?' message and a 'Let's go' button highlighted with a red circle and a yellow arrow pointing to it.

## Summer Math Assignment – Student Guide

The practice exercise will be displayed as shown below. Once you have answered the question, the “Check” button in the lower right corner will be activated. Click on the button to check your answer. If your answer is incorrect, you will have the option to “try again, get help, or skip for now.” If you are unsure how to answer the question, click on the link “Review related articles/videos or use a hint” directly below the question.

The screenshot shows the Khan Academy website with the exercise 'Creating frequency tables' under the course 'Get ready for AP® Statistics'. The exercise is titled 'Lesson 1: Frequency tables' and 'Frequency tables & dot plots'. The data provided is a 2x4 grid of numbers: 6, 7, 8, 7 in the first row and 7, 8, 7, 6 in the second row. Below the data, the instruction is 'Using this data, create a frequency table.' The table has two columns: 'Number of hours of sleep' and 'Number of employees'. The rows are for 6, 7, and 8 hours of sleep. The 'Number of employees' column has input boxes for each row. At the bottom, there is a 'Check' button and a 'Start over' button. A yellow arrow points to the link 'Stuck? Review related articles/videos or use a hint.' which is circled in red.

Number of hours of sleep	Number of employees
6	<input type="text"/>
7	<input type="text"/>
8	<input type="text"/>

Upon clicking the “Review related articles/videos or use a hint” link, you will have access to a tutorial video and a “Get a hint” button. Use these buttons as needed to help you review the skills required to answer the question.

The screenshot shows the same Khan Academy interface as the previous one, but now the 'Stuck? Review related articles/videos or use a hint.' link has been clicked. The interface now shows a 'Related content' section with a video thumbnail titled 'Frequency tables & dot plots' and a 'Still stuck?' section with a 'Get a hint' button. A yellow arrow points to the 'Get a hint' button, which is circled in red. The 'Check' button is still visible at the bottom right.

Number of hours of sleep	Number of employees
6	<input type="text"/>
7	<input type="text"/>
8	<input type="text"/>

## Summer Math Assignment – Student Guide

Each skill assignment is considered complete when you have scored 75% or above (see score on the left sidebar as shown below.)

The screenshot displays the Khan Academy website. The top navigation bar includes links for Courses, Search, Khan Academy, Get AI Guide, Donate, and CCS Upper School Summer... An Assign button is located on the right. The left sidebar, titled 'My assignments', shows a list of assignments under the course 'Get ready for AP® Statistics'. The assignment 'Creating frequency tables' is highlighted with a red circle and a yellow arrow, indicating it is complete with a score of 100%. The main content area shows a celebratory message: 'Awesome! You leveled up!' with a score of '4/4 correct · 120 energy pts'. Below this, there are three cartoon characters and a 'Try again' button. At the bottom right, there are buttons for 'Up next: Lesson 2' and 'Next assignment'.

Mail - Jennifer Thomas - Outlook x Renweb Account x Attendance x Home x Creating frequency tables | Orga x

khanacademy.org/math/get-ready-for-ap-statistics/xc9bacb4afa74e6e9/get-ready-for-exploring-categorical-data/xc9bacb4afa74e6e9/frequency-tables/e/creating-frequency-tables?classCod...

Courses Search Khan Academy Get AI Guide Donate CCS Upper School Summer... Assign

My assignments

Get ready for AP® Statistics

COURSE: GET READY FOR AP® STA > UNIT 1

Lesson 1: Frequency tables

Frequency tables & dot plots

Due Aug 4, 11:59 PM

Creating frequency tables

Proficient • 100%

Math > Get ready for AP® Statistics > Get ready for exploring categorical data > Frequency tables

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Creating frequency tables

Google Classroom

Awesome! You leveled up!

4/4 correct · 120 energy pts

Try again

Up next: Lesson 2

Next assignment