

## SMA Prep Summer Math 2019 New Students

We will be using Khan Academy again for our Summer Math Review! It is important that students stay mentally active during the summer months, and we hope that by using this excellent online application, your child will enjoy working on math and feel good about staying ahead of the summer “brain drain”.

In order to receive credit for summer work, please follow these directions. Parents of new students may need to assist your child with these instructions. You may also set up a parent account to track your child’s progress. Returning students will use their *ourSMA.org* account to access the summer missions.

### NEW STUDENTS ONLY:

- 1) Go to the following link: [www.khanacademy.org](http://www.khanacademy.org)
- 2) Click on “Sign up” in upper right corner to create a Khan Academy account if you don’t already have one. Next select “Start Learning Now”.

\*If you already have a Khan Academy account, sign in to your account and proceed to step #5.

- 3) Click “Sign in with Gmail” if you have a personal Gmail account. Otherwise, use “Sign up with email” if you have a different email provider. (NOTE: This is for new students only. Returning students will use their *ourSMA.org* account through CLEVER.)

- 4) You will receive a confirmation message in your email account. Please confirm your account. This will take you to a page where you will create a username and password. Also, it is important that you use your **real name** in the “Your name” field to ensure credit for summer work.
- 5) Next, “Add a coach” and your designated “mission”. To do this, click on your username at the top right, choose “Profile,” and go to your profile’s “Coaches” tab. There, you will enter your class code (**see codes below**) under “Join a Class”. Watch this video for help in adding a coach: [bit.ly/KhanAcademyCoach](http://bit.ly/KhanAcademyCoach)

Please choose from the following class codes and courses (for summer 2019):

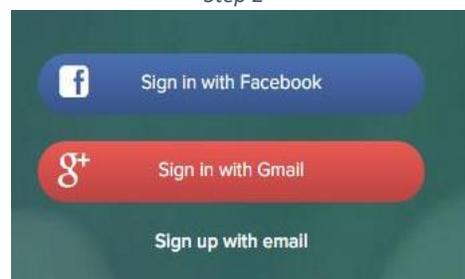
- |   |                            |
|---|----------------------------|
| • Rising 6th grade students use code: <b>MVZN77P3</b>           | Course: 5th grade math     |
| • Rising 7th grade students use code: <b>TUEGV3N5</b>           | Course: 6th grade math     |
| • Rising 8th grade students use code: <b>E8XSEF3M</b>           | Course: 7th grade math     |
| • Rising 7th/8th grade prep for Alg 1 use code: <b>86RSBTRU</b> | Course: Pre-algebra        |
| • Rising 8th grade prep for Geometry use code: <b>E7P9DYRN</b>  | Course: 8th Grade Geometry |

Begin working on your designated course using the mission mode. See tips on next page!

**Attention Next Year HS Geometry Students:** Your assignment has 2 parts. The first part is to complete the “Geometry” and “Geometry transformations” sections of the “8th Grade Math” course. This will be done in regular mode. Once this has been completed with mastery, begin the high school “Geometry” course in Mission Mode using the instructions on the following page.



Step 2



Step 3

## COMPLETE THE MISSION – ALL STUDENTS

- 1) *Choose Your Mission*: From your dashboard click on the “Courses” drop-down menu. Remember that you are completing the course for the grade you just completed or designated course for advanced placement. (See the list on previous page for all courses).
- 2) *Start Mission*: Once you’ve selected the course, be sure to select “Click here” to start or continue working on the designated Mission. Watch this video for help: [bit.ly/KhanAcademyMission](http://bit.ly/KhanAcademyMission)
- 3) *Tracking Mission Progress*:
  - You can track your mission progress from your dashboard. The graph on the left indicates which skills you have practiced, need practice, struggling, or mastered.
  - Select “Show all skills” to see a detailed chart of your progress. Hover over a square in the graph to see your level for a particular skill.

**THE GOAL: To master as many topics in your mission as possible.** The number of skills mastered will become the record of your summer work. To show mastery, you must practice a topic. Once you get a certain number correct in a row, you can take the mastery quiz **the next day** to show what you have learned. If you get the mastery question wrong, you must wait another day to try again. A minimum of 20 mastered skills is **required** during the summer. Students demonstrating mastery on 20+ skills will earn Eagle points during the first week back to school.

### ADVANCED COURSE PLACEMENT

Students working toward advanced math placement must show mastery on a minimum of **100 skills** in their assigned mission.

### TIPS FOR SUCCESSFUL SUMMER PROGRESS

- 1) Do not wait until the last minute! All summer work should be **completed by July 31st**.
- 2) Set a personal goal for percent mastered and work towards that goal. 100% should not necessarily be the goal for everybody.
- 3) If you are stuck, use the videos and hints to help you through the topics.
- 4) You can take mastery quizzes for any topics you have practiced. Practice a bit first and then do the mastery quiz to jump straight to mastery.
- 5) Do a little bit each day. The various levels of practice and mastery have timers that require you to wait before trying again. Do not wait until the last minute!
- 6) Make sure you work on the same mission to demonstrate progress. Remember, these are foundation skills for your next level math class.
- 7) Earn Eagle Points! See the chart below to earn eagle points beyond the 20 skill minimum:

Skills Mastered	Eagle Points
20 - 29 skills	10
30 - 39 skills	20
40 - 69 skills	30
70 - 99 skills	75
100 + skills	100

#### QUESTIONS?

- Email MAJ Becky Morris – [becky.morris@oursma.org](mailto:becky.morris@oursma.org)