

Bridge to GEM:

Next year as a 6th Grade GEM student, your child will be learning all content standards from grades 6-8 prior to entering Algebra 1 Honors in 7th Grade. He/she has already learned some of the 6th grade content in his/her 5th grade PRIMES class. Your child will be learning the other 6th grade standards through virtual bridges at home while learning the 7th and 8th grade content in class next year. To support his/her success in 6th grade GEM, we are recommending that he/she start the work described below to practice and continue learning over the summer.

Your incoming GEM student can begin the “6th Grade Mission” in Khan Academy. After starting the sixth grade mission, Khan Academy’s adaptive software and instant feedback will guide them on their individual learning path. This allows them to practice skills, understand which ones they have truly mastered, and focus their effort where it’s most needed. Students will also be able to link their work to their teachers when they start the school-year so that they can pick up their learning from there.

1. Go to <http://www.scps.k12.fl.us> and click ePassport.
2. Log-in using your SCPS Username and Password.
3. Select “Class Tools” and click on “Khan Academy”
4. Logging into Khan Academy

Welcome to Khan Academy

Do you already have a Khan Academy account?

Yes! Sign me in!

No. I need to create a new Khan Academy account.

- a. **If you have used Khan Academy previously**, click “Yes, Sign me in!” and log in using your Khan Username and Password.
 - b. **If you have never used Khan Academy before.** When you are asked if you have an account, click on “No, I need to create a new Khan Academy account”.
5. With your parent, fill in the necessary information (first name, last name, email, and birthday). Because your child is under 13, permissions are handled through the parent’s email address. If the student does not know or if the parents does not have an email, students should select “I don’t know their email” and they will still be allowed into the program. Parent emails can be added at a later time if necessary.

Welcome to Khan Academy

We need your parent's permission to finalize your account.

PARENT EMAIL

parent@example.com

Submit

I don't know their email

6. Once you are logged in to Khan Academy, click on “6th” grade.

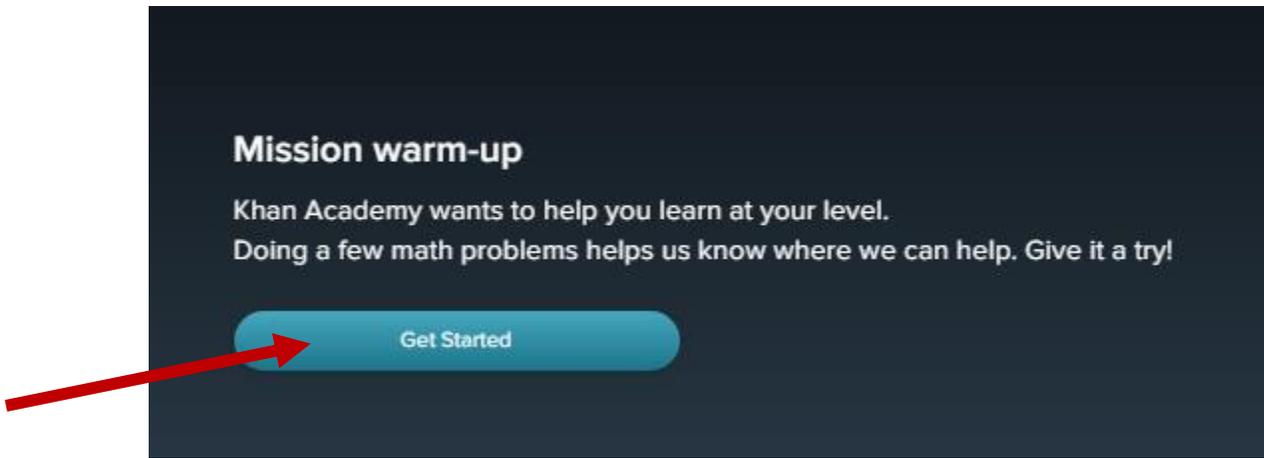
The screenshot shows the Khan Academy homepage with a navigation bar at the top. Below the navigation bar, there are five main categories: Math by subject, Math by grade, Science & engineering, Arts & humanities, and Test prep. The 'Math by grade' section is expanded, showing a list of grades from Kindergarten to High school. A red arrow points to the '6th' grade link, which is also circled in red.

Math by subject	Math by grade	Science & engineering	Arts & humanities	Test prep
Early math	Kindergarten	Physics	World history	SAT
Arithmetic	1st	Chemistry	US history	MCAT
Pre-algebra	2nd	Organic Chemistry	Art history	GMAT
Algebra 1	3rd	Biology	Grammar	IIT JEE
Geometry	4th	Health & medicine		NCLEX-RN
Algebra 2	5th	Electrical engineering	Economics & finance	
Trigonometry	6th	Cosmology & astronomy	Microeconomics	College Admissions
Precalculus	7th		Macroeconomics	
Statistics & probability	8th	Computing	Finance & capital markets	
AP Calculus AB	High school	Computer programming	Entrepreneurship	
AP Calculus BC		Computer science		
Multivariable calculus		Hour of Code		
Differential equations		Computer animation		
Linear algebra				

7. This page has all of the 6th grade content listed. Click on “Start Mission” to get started.

The screenshot shows the Khan Academy page for 6th grade math. The page has a blue header with the text '< MATH 6th grade'. Below the header, there are four navigation tabs: Explore, Classes, Practice, and Mission. The 'Mission' tab is selected. The main content area features a heading 'Want a personalized 6th grade experience?' followed by a paragraph: 'Missions recommend what to learn next, help you remember what you've learned by mixing skills, and save your progress.' At the bottom, there is a blue button labeled 'Start mission' and a link labeled 'Learn more'. A red arrow points to the 'Start mission' button.

8. When your mission shows up, click “Get started”.



9. Answer the question, then click “Check answer” on the right.

**Notice the buttons for “I haven’t learned this yet”, “I’d like a hint”, and “Stuck, watch a video” on the right. The hint button will give you hints for how to do the specific question and the video will show you how to do the skill. Each one of these will mark you incorrect, but can be invaluable for learning the skills.

A screenshot of the Khan Academy interface for a "Mastery Challenge". The title "Mastery Challenge" is at the top left, and "Do all 6 problems" is at the top right. Below the title is the instruction "Work on skills you have already practiced to master them". On the left, the math problem $\frac{7}{8} \times \frac{1}{2}$ is displayed above an empty input box. On the right, there are three stacked panels: "Answer" with a green "Check Answer" button and a dark blue "I haven't learned this yet." button; "Show me how" with an orange "I'd like a hint" button; and "Stuck? Watch a video." with a video player showing a fraction multiplication video titled "Intro to multiplying 2 fractions" and a link to "Multiplying 2 fractions: 5/6 x 2/3". At the bottom left is a "Show scratchpad" link, and at the bottom right is a "Report a mistake in this question" link.

10. Every time you log on to Khan Academy, the “home” button will have your mission. Just click on the mission and it will take you back into your practice and mastery challenges.

**The mastery challenges are where you will progress from practice, to level 1, to level 2, and finally to mastery of each skill. Once you complete a mastery challenge, it will make you wait 15 hours before you can do that skill again in a mastery challenge. You will be allowed to do other skills you have been working on, however, so keep practicing. The more you practice, the more mastery challenges will show up.

**Khan Academy suggests skills for you to practice. You can, however, add your own. On the left, under your progress percent, you can click on “show all skills?”. This will open up all the skills in your mission and show you your progress on each one. You can click the small square to add it to the practice list on the right. Now you can practice that skill.

The screenshot shows the Khan Academy interface for a 6th grade mission. At the top, there is a navigation bar with "Subjects", "Search", and the Khan Academy logo. The user's name "CARLY27" is visible in the top right. Below the navigation bar, the page is titled "6th grade" and shows a "MISSION PROGRESS" section with a circular progress indicator at 0%. A legend indicates that 0 skills are mastered, 0 are at level two, 0 at level one, 0 practiced, and 125 not started. Below this, a list of mission foundations is shown with progress bars. On the right, a section titled "SKILLS UP NEXT FOR YOU" lists several skills with "Practice" buttons. The skills listed are: "Subtracting decimals: hundredths", "Creating frequency tables", "Evaluating expressions with one variable", "One-step addition & subtraction equations", "Compare decimals through thousandths", and "Subtracting decimals: tenths".

For more specific information, please visit your child’s Middle School website.