



### **Why Khan Academy?**

If you have not used the Khan Academy before you might be wondering how this is different from any other math website. If so, please read through **Why Khan Academy** by following [this link](#). This page is part of the Coach Resources that are available for you as ‘coach’ of your students. Please take a look through this information prior to our meeting on Friday.

### **Implementation**

We need to decide if we will thoroughly plan out the implementation of the Khan Academy in the classroom or consider letting students explore KA individually when they first get on the site. This enables them to explore different parts of the site with the element of discovery. Then, debrief as a class to discuss what everyone found. Keep in mind that your attitude towards Khan Academy will be projected onto the students. If you view it as helpful, they will likely frame it as a helpful tool. If it's seen as a fun activity, likely that enthusiasm will rub off too.

The following questions can be a helpful starting point for a Scavenger Hunt. A more detailed hunt is also attached:

- 1 What are energy points? What is mastery?
- 2 How are exercises connected to each other on the page that looks like the galaxy?
- 3 What topics/subjects did you find?
- 4 What kind of information can you see about yourself?
- 5 What is an avatar? What are badges? How can you earn them?

## Implementation Resources

- **Slide Show** to Introduce to students: Needs to be customized for our students. [Link](#)
- **KA Scavenger Hunt** - An online tour of the Khan Academy site during the first couple of sessions of using the Khan Academy (Attached)
- **Need Help/Can Help board** - A simple T chart on your board where students can offer their help or ask for help based on what they are struggling with or have mastered.
- **Role Play: Peer tutoring** - Part of the power of the Khan Academy is having students peer tutor each other. The Need/Can help board lends itself to peer tutoring. Our kids would benefit from role playing what great peer tutoring looks, sounds, feels like.
- **Parent Permission form** - A sample is attached
- [KA Leaves](#) - These are fun for setting goals etc
- **First Day Logistics** [package](#)
- **Parent Night** When kicking off Khan Academy, some teachers also hold a Parent Night in the first few weeks, inviting parents to school to show them how Khan Academy works, how the school is incorporating it into its curriculum and how it can make a difference for their children. Some Parent Nights even walk parents through setting up accounts and sign-up as their child's coach so that they can be involved and engaged with their child's learning progress.
- **Active Listening worksheet** - Attached
- **Quickstart Guide for Parents** - [Link](#)

**Overview:** Listening is one of the most important skills you can have. How well you listen has a major impact on your school and job effectiveness, and on the quality of your relationships with others.

We listen to obtain information.

We listen to understand.

We listen for enjoyment.

***We listen to learn.***

**Task:**

In order to learn, you must have good active listening skills. In the space below, write down some things that you believe active listeners do:

1.

2.

3.

4.

**Example:** Watch and take note about what your teacher does and does not do when listening to someone's story (need a volunteer to tell a story).

Notes on teacher's actions:

What things did the teacher do that showed active listening?

What things did the teacher do that showed she was NOT actively listening?

**Practice:** With your partner, take turns telling a story about something fun you did this summer. Take a few minutes to think about what you will discuss. Each person should take a turn telling a story, and being an active listener.

After actively listening to the other person's story, write down as much as you can remember from their story (note form is okay!):

**Khan Academy Practice:** When watching Khan Academy videos this year, you will need to practice your active listening skills. Think of the videos as you would a math lecture. You will need to take focus and take notes. While you are not interacting with a person, you will still need to look at the screen, avoid distractions, and refrain from doing other tasks while you are watching the video.

You have to be **ACTIVELY** listening to get the most out of the videos, so that means:

1. Engage- be focused (no distractions!)
2. Take notes
3. Pause to check for your own understanding
4. Rewind when you don't understand something/watch the video again
5. Write down questions that you have for your teacher and HIGHLIGHT them
6. Practice the problems!

Use the space below to practice this with a Khan Academy video:



# Khan Academy Scavenger Hunt

## Discover the World of Khan Academy

Names: \_\_\_\_\_

Date: \_\_\_\_\_

Go to [www.khanacademy.org](http://www.khanacademy.org). Check out the website and then “hunt” around to answer these questions. Happy exploring!

- 1) When you are logged out and on the homepage, what button do you press to login and access Khan Academy?
  - Google
  - Facebook
  - Login
  - Other: \_\_\_\_\_
  
- 2) Scroll all the way to the bottom right of the page to find Khan Academy’s logo. Draw it in the space below. What do you think this logo symbolizes?

### LEARN: Discovering content

- 3) Select the LEARN menu in the top left. List 3 topics you can learn about in Math.
  
- 4) List 3 subjects besides Math that you can learn about on Khan Academy.
  
- 5) From the LEARN menu, select **“Geometry”** in Math. What subtopic in Geometry should I select to learn about perimeter?
  
- 6) Above the symbol are a video camera & a star. What do these mean?
  
- 7) While working on perimeter and area lessons, you realize that you don’t understand what perimeter and area are. What video or exercise would you do?

8) Go to the video on **Area and Perimeter**.

- a. How long is this video?
- b. What “Options” are available?

9) In the top right of the screen, search for the exercise for “**Simplifying Fractions**” and go to the exercise. What topic does “**Simplifying Fractions**” belong to?

*Hint: Look at the upper left side of the page*

10) You are about to start an exercise “**Simplifying Fractions**”.

- a) How many questions do you need to get correct in a row?
- b) Look for the follow options. Explain how you might use them.

- “**Acceptable formats**” tab

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- “**Show scratchpad**” option

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- “**I’d like a hint**” button

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c) Solve the requested number of questions correctly in a row for “**Recognizing Fractions 0.5**”. What state are you in?

- Need practice
- Practiced
- Level 1
- Level 2
- Mastered

d) How long must you wait before you can “Level Up”? Why do you think you need to wait?

11) At the bottom right, find the “International” option. Besides English, name two other languages that are available to work on the exercise.

**LOG IN to Khan Academy**

12) On the left, explore the pages listed under Vital Statistics and Achievements. What info can you find about your progress?

13) What are badges? What are avatars? What are energy points? How can you earn them?

14) In your own words, what is the Learning Dashboard?

Did you discover something not in the scavenger hunt? Share!



Dear parents,

This year, we'll be using Khan Academy in class to personalize learning for all students!

Khan Academy is a free online resource that allows students to learn anytime, anywhere, with material that is uniquely appropriate for them. Students can explore new topics and practice their math skills by using interactive exercises, videos, and tutorials. As students learn, their activity feeds into reports that show important information such as strengths and weaknesses in a particular concept. By using Khan Academy, I'll be able to provide a more personalized learning experience for your child.

If you approve of your child participating in this program, please provide the information below.

**Student name:** \_\_\_\_\_

**Does your student already have a Khan Academy account?**

YES       NO

**Student username:** \_\_\_\_\_

*(Letters only, no spaces, ex. JSmith; if your child already has a Khan Academy account, please provide the child's existing username above)*

**Student password:** \_\_\_\_\_

*(Minimum 5 characters, different from username; if your child already has a Khan Academy account, then you do NOT have to write down the password as long as your child knows it.)*

**Student birthdate:** \_\_\_\_\_

**Parent/guardian email:** \_\_\_\_\_

*(An email will be sent asking you to verify your child's account, but you will not receive any other emails without your permission.)*

If you want to see how your child is learning on Khan Academy, I encourage you to create your own Khan Academy account as well. You'll be able to see what your child is working on, and there's plenty of material on the site for you to learn anything you want, too. Simply go to [www.khanacademy.org](http://www.khanacademy.org) and click Sign Up to get your own account.

Check out the links below to learn more:

**Khan Academy:** [www.khanacademy.org](http://www.khanacademy.org)

**Terms of Service:** [www.khanacademy.org/about/tos](http://www.khanacademy.org/about/tos)

**Privacy Policy:** [www.khanacademy.org/about/privacy-policy](http://www.khanacademy.org/about/privacy-policy)

Please sign below to give your child permission to use Khan Academy in my class.

**Parent Signature:** \_\_\_\_\_ **Date:** \_\_\_\_\_

Warmly,

[Teacher Name]