

Education in the Digital Age: Empowering Minds, Shaping Careers


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Unit 1: Getting to know Khan Academy

Unit mastery: 93% | 280 / 300 mastery points  

 Mastered  Proficient  Familiar  Attempted  Not started  Quiz  Unit test

Up next for you

Great work! You've mastered this unit. Continue learning "Khan for Educators (US)" with the next unit, "Using assignments on Khan Academy".


[Go to unit](#)



- Personalized Learning
- Develops Mastery while Filling Learning Gaps
- Wide Range of Applications
- Self-paced
- Motivating
- Challenging



Welcome, Susan Labadi

[Add your school](#) 

Classes

Students

Resources



Khanmigo is your one-stop AI shop 🤖

You can forget using a zillion AI tools or trying to come up with the perfect prompt, because Khanmigo is engineered to think and respond like an educator that drives you and your students forward, faster. ⚡

[Learn more](#)



Khanmigo—the AI Tool (in Beta) using Chat GPT-4
with Safety Features (AI can “Lie”)

For Students: It’s a Tutor

For Teachers: It’s a Teacher’s Assistant



Khanmigo can provide a class snapshot for a course

- Summarize Student Chat History
- Refresh the Teacher's Knowledge for a Standard
- Create a Lesson Hook
- Write Exit Ticket Questions
- Create a Lesson Plan
- Write Learning Objectives
- Co-Create a Writing Rubric for an Essay
- Provide Video Links within Khan Academy Content



Teachers and students can easily see where they are struggling and access remediating solutions, so students don't fall far behind and have learning gaps.

Teachers can take suggestions from **Khanmigo** to help students meet their learning goals.



Khanmigo can quickly group which students are performing in the top 25% and which students need a check on their skills progress.

It identifies which students should be celebrated for their assignments.

How to get started:

- Teacher, Parent, Student
 - Teachers can have 5 CEUs for completing the onboarding tutorial videos, articles, and assessments
 - 6 Units, 11 Skills




Courses ▾

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Khan for Educators (US)

COURSE: KHAN FOR EDUCATORS... > UNIT 5

Lesson 1: Khanmigo 101



Introducing Khanmigo for teachers




Lesson Planning with Khanmigo



Khanmigo: Using Class Snapshot

Introducing Khanmigo for teachers

 Google Classroom

 Copy link


Hi! I'm your new teaching assistant!


750 energy points




KHANMIGO beta

I'm an AI-powered guide. I'm here to help you reach your teaching goals!

 [Activities](#)

 [Chat History](#)

 [Khanmigo Settings](#)

Pause (k)



KHAN FOR EDUCATORS

Introducing Khanmigo for teachers





In this activity, I'll help you come up with some ideas for lesson hooks to spark your students' interest in your lesson at the beginning of class! What grade level and subject are you teaching? What is the learning objective for the lesson (or at least the topic)?

[Leave feedback](#)

Rate this response



Khanmigo, are you ready to get started?



Absolutely! I'm excited to help you create a delightful and engaging lesson for your classroom. Please let me know the grade level, subject, and learning objective for the lesson, and we'll get started on brainstorming some lesson hooks!

[Leave feedback](#)

Rate this response



Khanmigo, can you help me come up with a creative lesson hook for Act 3 of Romeo and Juliet for my 9th grade English class?



Clear chat



Khanmigo makes mistakes sometimes. [Here's why](#)





Absolutely! I'm excited to help you create a delightful and engaging lesson for your classroom. Please let me know the grade level, subject, and learning objective for the lesson, and we'll get started on brainstorming some lesson hooks!

[Leave feedback](#)

Rate this response

Khanmigo, can you help me come up with a creative lesson hook for Act 3 of Romeo and Juliet for my 9th grade English class?



Of course! I'm excited to help you create an engaging lesson hook for Act 3 of Romeo and Juliet. Here are two hooks to consider:

- ➔ Hook 1 (Surprising and Creative): Start the class by having students participate in a quick, improvised "freeze-frame" activity. Divide the class into small groups and give each group a brief, dramatic moment from Act 3 (e.g., Mercutio's death, Romeo's banishment). Give them a few minutes to create a freeze-frame tableau representing that moment. Then, have each group present their tableau while the rest of the class tries to guess the scene. This will get students thinking about the key events in Act 3 and eager to dive deeper into the text.
- ➔ Hook 2 (Even More Engaging): Begin the class by playing a short game of "Romeo and Juliet: Act 3 Trivia." Prepare a set of trivia questions related to Act 3, ranging from easy to challenging. Divide the class into teams and have them compete to answer the questions correctly. This will not only review the events of Act 3 but also spark curiosity and discussion about the characters, themes, and language of the play.

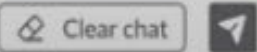
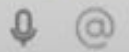
Which one of these hooks do you like, and are there any changes you'd like to make?

[Leave feedback](#)

Rate this response



Type message (do NOT share any personal data)





Google Classroom

Refresh Knowledge of Standards

Hi Khanmigo I'm going to be teaching a new standard this week could you please help refresh my knowledge standard HSA-SSE.A.1

Of course! HSA-SSE.A.1 is a high school algebra standard that focuses on interpreting expressions for functions in terms of the situation they model. Here are the 5 major concepts related to this standard:

1. **Understanding expressions:** Recognize that expressions are used to represent relationships between variables and constants.
2. **Function notation:** Use function notation (e.g., $f(x)$) to represent and evaluate functions.
3. **Interpreting expressions in context:** Interpret expressions in terms of the situation they model, considering the units involved.
4. **Identifying key features:** Identify key features of a function, such as intercepts, maximum or minimum values, and intervals of increase or decrease.
5. **Real-world applications:** Apply these concepts to real-world situations and analyze the relationships between variables.

Now that we have an overview, how would you like to proceed with your review?

1. Quizzing on the topic
2. Learning through conversation



The screenshot shows a lesson plan for teaching the standard 8.EE.A.2. The lesson title is "Interpreting Expressions in Context". The objective is for students to be able to interpret expressions that represent a quantity in terms of its context. The materials listed are: whiteboard or flipchart, markers or chalk, overhead projector or projector, and a calculator. The introduction (10 minutes) includes three steps: 1. Begin by discussing the importance of understanding expressions in real-world situations. 2. Write a simple expression on the board (e.g., $3x + 5$) and ask students what this expression represents. 3. Introduce the meaning of variables, coefficients, and terms. The direct instruction (15 minutes) includes three steps: 1. Explain how to identify parts of an expression using examples on the board. 2. Show how to interpret expressions in context by providing a real-world problem (e.g., x represents the number of books and y represents the number of pencils with given prices). 3. Discuss simplifying expressions, equivalent expressions, and evaluating expressions with examples. The guided practice (10 minutes) includes three steps: 1. Provide students with a handout containing practice problems. 2. Work through the first few problems together, discussing each step and encouraging students to ask questions. 3. Allow students to work in pairs or small groups to complete the remaining problems, offering assistance as needed. The independent practice (10 minutes) includes two steps: 1. Assign a few problems for students to complete individually, either in class or as homework. 2. Encourage students to use their notes and resources to help them solve the problems. The closure (5 minutes) includes three steps: 1. Review the main concepts covered in the lesson, emphasizing the importance of interpreting expressions in context. 2. Ask students to share one memorable phrase or mnemonic they used to remember the concepts. 3. Encourage students to practice these skills outside of class and apply them to real-world situations they encounter. A reminder at the bottom says: "Remember to adjust the lesson plan according to your students' needs and the time available. Good luck with your lesson!"

That's right, it's all coming back to me. Could you help me create a lesson plan for the standard?

Create a Lesson Plan for a Standard





Thank you so much! Do you have any Khan Academy videos that I can share with my students on the topic?

You're welcome! Yes, Khan Academy has a variety of videos that can help your students understand HSA-SEE.A.1. Here are some video suggestions for each concept:

1. Understanding expressions:
 - "Introduction to algebraic expressions" ([Link](#))
2. Function notation:
 - "Introduction to function notation" ([Link](#))
3. Interpreting expressions in context:
 - "Interpreting linear expressions" ([Link](#))
4. Identifying key features:
 - "Features of functions" ([Link](#))
5. Real-world applications:
 - "Linear models word problems book" ([Link](#))

Feel free to explore the Khan Academy website for more videos and resources related to this topic. Good luck with your lesson!

Suggest Khan Academy Video Links

Type message (do NOT share any personal data)



A screenshot of a Khanmigo chat interface. The top bar shows the Khanmigo logo and a '750 energy points' notification. The chat area contains a message from a user asking for a lesson hook for HSA-SSE.A.1. The interface includes a 'Cop' button and a 'Type message (do NOT share any personal data)' input field at the bottom.

750 energy points

Could you help me come up with a lesson hook that I can use with my students to get them excited about this standard?

Of course! A great lesson hook for HSA-SSE.A.1 could be a real-world scenario that sparks curiosity and engages students. Here's an idea:

1. Start by telling your students that they've been hired as consultants for a new amusement park. Their task is to help design a roller coaster that will attract thrill-seekers from all over the world.
2. Explain that the roller coaster's success will depend on its unique features, such as steep drops, high peaks, and sharp turns. These features can be represented using algebraic expressions and functions.
3. Show them a simple sketch of a roller coaster and ask them to think about what kind of features they would like to see in their roller coaster design.
4. Tell them that throughout the lesson, they will learn how to use algebraic expressions and functions to describe and analyze the key features of their roller coaster design.

This hook connects the lesson's content to a fun and exciting real-world application, which can help motivate and engage your students. Remember to adapt the hook to your students' interests and the time you have available for the lesson. Good luck!

Type message (do NOT share any personal data)

Khanmigo Lesson
Hooks with Standards

750 energy points



Khanmigo

1/1/2025



Copy

Oops I almost forgot, do you have a quiz I can use for this standard?

Sarah has a short quiz with five questions related to HSA-SSE.A.1 that you can use to assess your students' understanding:

- Simplify the following expression: $4x - 3y + 2x + 5y$
 - $6x + 2y$
 - $2x + 8y$
 - $2x - 6y$
 - $2x - 2y$
- What is the coefficient of the term $7x^{10}$?
 - 7
 - x
 - 7
 - x^{10}
- Identify the constant term in the expression: $5x^2 - 4x + 9$
 - 9
 - 4
 - 7
 - 4
- Which term has the highest degree in the expression: $2x^4 - 2x^3 + x^2 + 7x + 11$
 - $2x^4$
 - $2x^3$
 - x^2
 - x
- Combine like terms in the expression: $3a^2b - 2ab^2 + 4a^2b - 5ab^2$
 - $7a^2b - 7ab^2$
 - $7a^2b - ab^2$
 - $2a^2b + 3ab^2$
 - $2a^2b + ab^2$

You can use this quiz to evaluate your students' understanding of algebraic expressions and their components. Feel free to modify the questions or add more if needed. Good luck with the quiz!

Khanmigo Quiz Creation According to Standards

Class Snapshot Gives Teachers an Overview of How the Class and Individual Students are Doing



750 energy points

Khan Academy

Class snapshot

This chart is logged and viewable by your teacher.

Activities

Let's learn together through any of these activities that interest you!

FOR TEACHERS:

- Welcome!
- Chat with GPT-4
- Class snapshot**
- Summarize student chat history
- Refresh my knowledge
- Create a lesson hook
- Write exit ticket questions
- Create a humanities lesson plan

Activity	Learning Time
Goal	30 minutes
Class Average	0 minutes ⚠️

Assignments	Completion of Assignments Due	Exercises Avg Performance	Quizzes/Tests Avg Performance
Goal	100%	81%	81%
Class Average	0.0 / 0.0 (0%) ⚠️	0.0% ⚠️	0.0% ⚠️

Check out your [assignments report](#) to dig in further.

Skills	Skills Levelled Up	Skills Without Progress
Goal	2 skills	++ 1 skill
Class Average	0.0 skills ⚠️	0.0 skills 🟢

See your [skills report](#) for more detail.

[Course Mastery | Median CM % | Weeks Passed | Weeks Remaining]

1 — | — | 1

[View response](#)

Class Shapshot

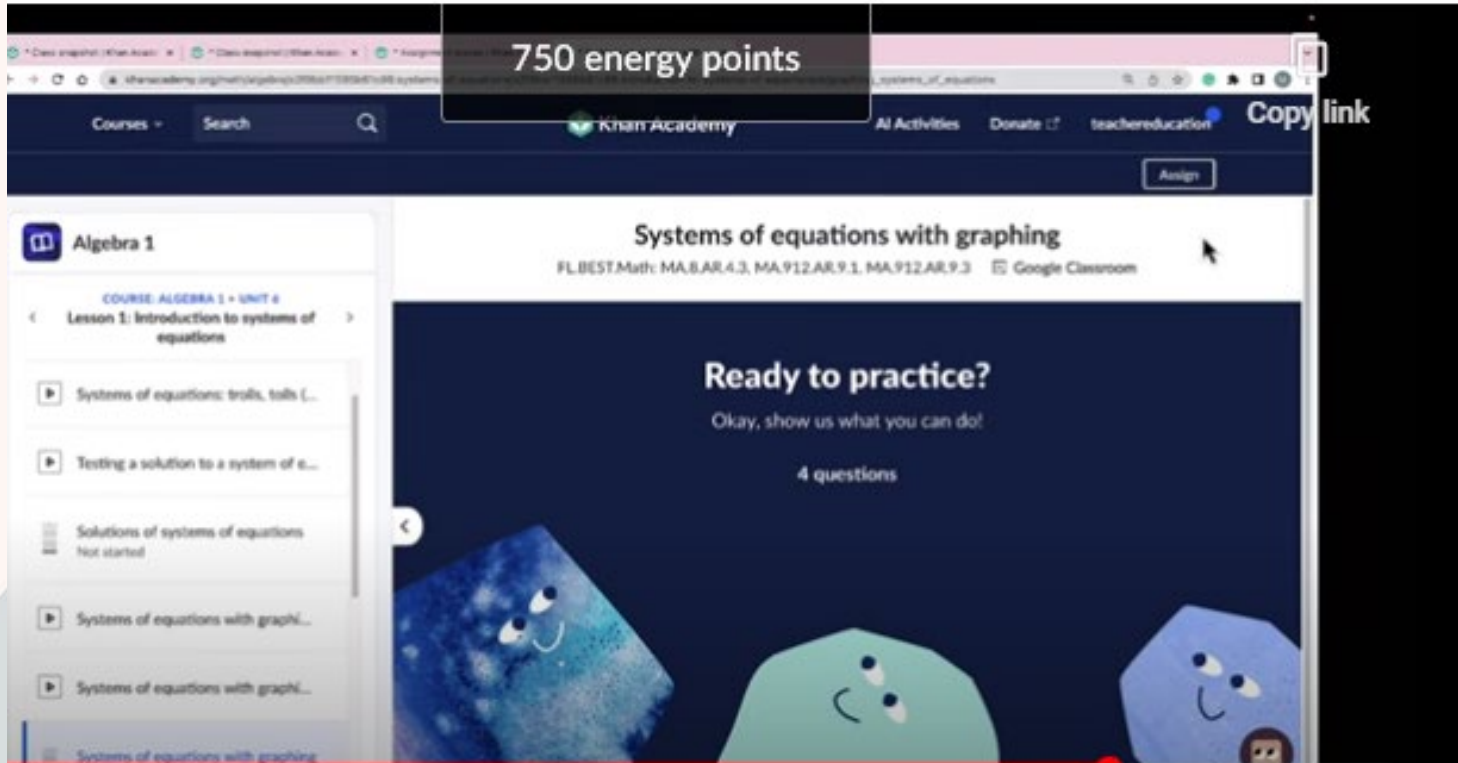
Course Mastery Progress
Assignments
Skill Development

...to better meet the
needs of your students



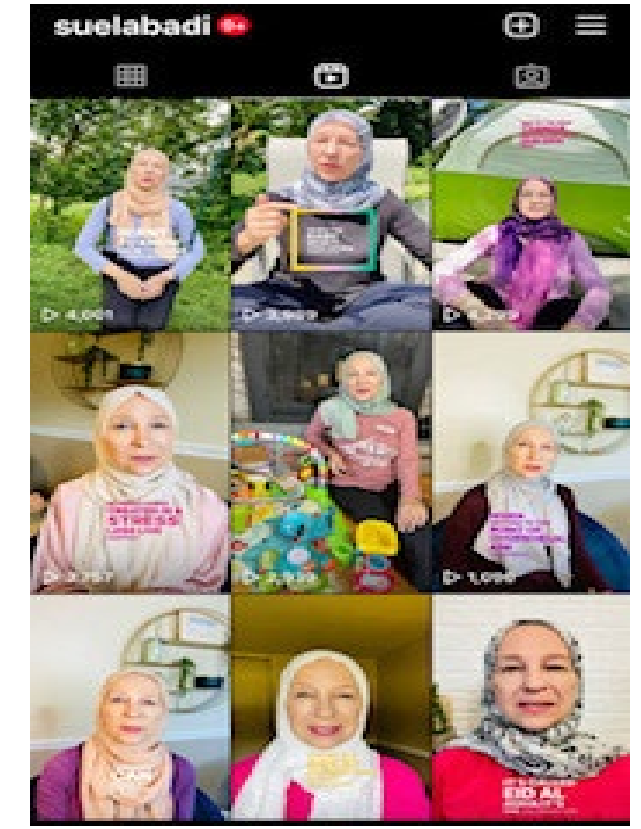


Google Classroom



Khanmigo can Help You Navigate the Site, Find Engaging Content, and Tips for Teaching





Susan@SusanLabadi.com



grateful
thankful
blessed

Decorative text in a cursive font with floral accents.

