

5

Quest



Bricks

E-BOOK



MP3



Student Book

5



Student Book

Bricks

Scope and Sequence

Unit	Reading	Vocabulary	Grammar
1 How Does AI Make Our Lives Easier? page 6	Is AI in Education Helpful? (Nonfiction) Technology Reading Strategy Main Idea and Details	intelligence, perform, role, useful, reach, instant, customized, pace, assist, satisfy, rely on, interaction	Present Perfect <i>I have already finished my homework.</i> <i>She has not (= hasn't) seen him since 2010.</i>
	My Name Is CanDo! (Fiction) Reading Strategy Visualizing Characters	ordinary, bark, observe, virtual, personalized, advice, choice, trust, tug, guilty, heartfelt, sincerity	Present Perfect Continuous <i>CanDo has been observing me for two months.</i> <i>I have not (= haven't) been exercising recently.</i>
2 What Is Forensic Science? page 26	The Science of Solving Crime (Nonfiction) Physical Science Reading Strategy Summarizing	legal, solve, crime, identify, tool, ridge, reveal, suspect, carry, contain, discover, recover	Indefinite, Definite, and No Articles <i>There is an apple. The apple is mine.</i> <i>I met Ann. Her favorite sport is baseball. Her favorite subject is math.</i>
	The Missing Hamster (Fiction) Reading Strategy Making Predictions	notice, missing, obvious, search, gasp, murmur, prey, evidence, match, dust, examine, figure out	Quantifiers: All, Most, Some, A Few, and No <i>All students were happy to see Hammy back.</i> <i>Most people enjoy sunny weather.</i> <i>Some fruits are rich in vitamin C.</i> <i>I have a few books on the shelf.</i> <i>No pets are allowed in the restaurant.</i>
3 How Did People Cure Diseases? page 46	How Has Medicine Changed? (Nonfiction) Social Studies Reading Strategy Identifying Text Structure	pharmacy, remedy, herb, chant, charm, practice, patient, superstition, anatomy, prevent, antibiotic, infectious	Used to and Didn't Use to <i>Doctors used to rely on magic for healing.</i> <i>She didn't use to exercise, but now she exercises regularly.</i>
	The Amazon Quest (Fiction) Reading Strategy Identifying the Theme	cough, dizzy, flu, serious, restore, heal, stubborn, determined, adventure, exhausted, condition, treatment	Tag Questions <i>She's a doctor, isn't she?</i> <i>The twins have a great story, don't they?</i>
4 How Is a Rainbow Formed? page 66	The Science of Rainbows (Nonfiction) Physical Science Reading Strategy Using Background Knowledge	breathtaking, droplet, prism, separate, transparent, flat, float, refraction, bend, angle, reflection, arc	Present Simple Passive <i>Rainbows are seen after rain.</i> <i>The classroom is cleaned every day.</i>
	The Rainmakers (Fiction) Reading Strategy Problem and Solution	splash, puddle, downpour, steep, view, leap, attempt, fine, mist, waste, wet, enormous	Past Simple Passive <i>The hose was turned on.</i> <i>Beautiful songs were written.</i>

Listening	Speaking	Writing	Project
<p>A Podcast Interview with an AI Artist</p> <p>Listening Tip Listening for Sequence</p>	<p>Talking About Opinions</p> <p>Asking someone for opinions <i>What do you think about ...? Why do you say that?</i></p> <p>Explaining opinions and reasons <i>In my opinion, ... I say that because ...</i></p>	<p>Writing an Opinion Essay Write an opinion essay to clearly state your opinion on a topic.</p>	<p>Design Your Own AI Robot Create your own AI robot that helps with your daily activities.</p>
<p>An Interview with a Book Writer</p> <p>Listening Tip Concentrating on Details</p>	<p>Talking About Preferences</p> <p>Asking someone for preferences <i>Do you prefer A or B? Why do you prefer ...?</i></p> <p>Explaining preferences <i>I prefer A to B. I like ... more because ...</i></p>	<p>Writing a News Article Write a news article to give information about an event.</p>	<p>Analyze Fingerprints Collect your family's fingerprints and find their types.</p>
<p>A Conversation About Having an Allergy</p> <p>Listening Tip Identifying Key Information</p>	<p>Giving Advice</p> <p>Asking someone for advice <i>What should I do? But what if it doesn't help?</i></p> <p>Sharing advice <i>If I were you, I would ... I would also suggest you ...</i></p>	<p>Writing an Instructional Guide Write an instructional guide to give directions on how to do or use something.</p>	<p>Read a Medicine Label Know how to read medicine labels for safety.</p>
<p>A Weekend Weather Forecast</p> <p>Listening Tip Focusing on Dates and Times</p>	<p>Persuading</p> <p>Giving recommendations <i>I highly recommend ... I guarantee ...</i></p> <p>Asking about recommendations <i>Why do you recommend that? Is there any other reason?</i></p>	<p>Writing an Informational Report Write an informational report to provide information and relevant facts on a topic.</p>	<p>Blend the Colors of Light Explore how the three primary colors of light combine to create new colors.</p>



Unit	Reading	Vocabulary	Grammar
5 How Can We Capture a Moment in Time? page 86	Capturing Everyday Life (Nonfiction) Art Reading Strategy Using Visuals	subject, mythology, symbolic, capture, portray, scene, brushstroke, shadow, vivid, intimate, convey, subtle	Future: Will and Be Going to <i>The sun will rise in the east tomorrow.</i> <i>My aunt is going to get married next month.</i>
	The Living Picture (Fiction) Reading Strategy Evaluating	spacious, glare, seal, burst, unbelievable, spot, reverse, fade, zoom, cautiously, flicker, blank	Too and Enough <i>It is too cold for a walk.</i> <i>The camera is small enough to carry all day.</i>
6 What Makes Music Special? page 106	Classical and Jazz Music (Nonfiction) Music Reading Strategy Analyzing Differences	audience, distinct, formal, simplicity, composer, piece, note, improvise, performance, rigid, casual, interact	Reported Statements with Said and Told <i>Louis said (that) he liked to play the music differently.</i> <i>Louis told me (that) he liked to play the music differently.</i>
	The Music Box (Fiction) Reading Strategy Making Connections	wind, fill, harmonious, tempo, peaceful, pleasing, realize, nervous, suppose, hum, whistle, tune	Reported Questions with Asked <i>Julie asked us what we were doing.</i> <i>She asked me if I was playing the music.</i>
7 How Can We Uncover the Secrets of the Past? page 126	The Lost City of Petra (Nonfiction) Social Studies Reading Strategy Taking Notes	achievement, nomad, necessity, transport, trade, skill, remarkable, monument, religious, abandon, ruin, lost	Subject and Object Questions with Who and What <i>Who rediscovered Petra?</i> <i>What do you eat for lunch?</i>
	The Missing Medallions (Fiction) Reading Strategy Analyzing Plot	archaeologist, uncover, medallion, artifact, discovery, guardian, empty, gleam, trip over, deep, grip, public	Embedded Questions <i>I don't know where the ancient artifacts are.</i> <i>I wonder if she likes pizza.</i>
8 What Are Microbes? page 146	The Secret of Microbes (Nonfiction) Life Science Reading Strategy Classifying and Categorizing	germ, beneficial, reproduce, digest, fight off, harmful, cause, cell, complex, treat, spread, visible	Unreal Conditional: If <i>If the rain stopped, we could play soccer outside.</i> <i>If germs didn't exist, we wouldn't need antibiotics.</i>
	Spoiled Food and Rotten Luck (Fiction) Reading Strategy Identifying Story Elements	punish, deserve, strict, heap, leftover, rotten, whiff, throw out, disgusting, light-headed, spoil, sniff	Causative Verbs: Have, Make, and Let <i>James had the hairdresser cut his hair yesterday.</i> <i>Dr. Hernandez didn't make Carlos scrub the tables.</i> <i>My sister doesn't let me wear her clothes.</i>

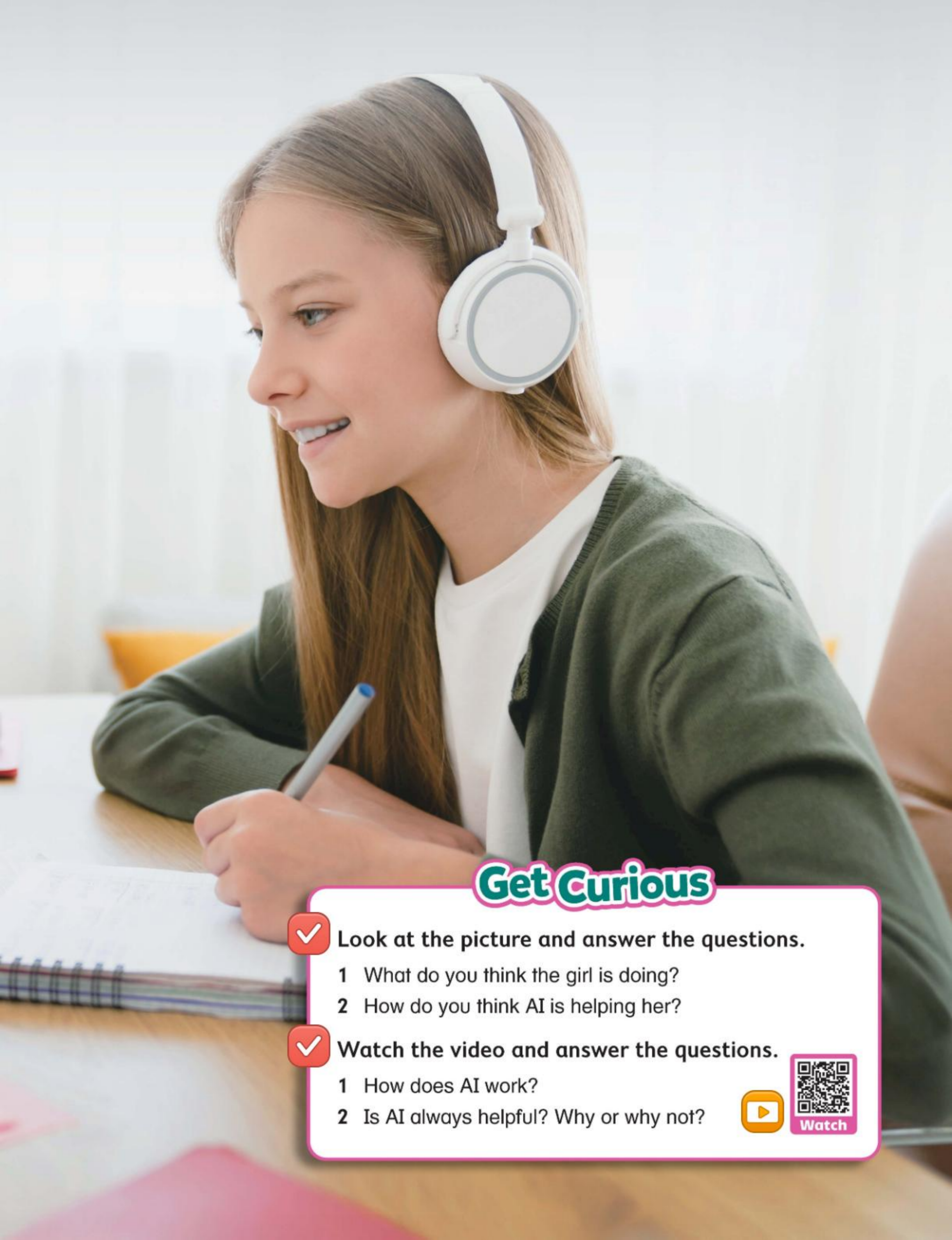
Listening	Speaking	Writing	Project
<p>A Conversation During an Art Museum Tour</p> <p>Listening Tip Identifying Speakers</p>	<p>Emphasizing Benefits</p> <p>Presenting advantages <i>One of the best things about ... is that ...</i> <i>Another reason I love it is that ...</i> <i>It's also great because ...</i></p>	<p>Writing a Magazine Article Write a magazine article to deliver information and opinions about various topics.</p>	<p>Make a Time Capsule Create a time capsule that captures who you are right now.</p>
<p>A Survey About Music Preferences</p> <p>Listening Tip Understanding Reasons</p>	<p>Making Arrangements</p> <p>Asking about interest <i>Would you be interested in ...?</i> <i>How would you feel about ...?</i></p> <p>Asking about availability <i>Are you free then?</i> <i>Do you have any plans on ...?</i></p>	<p>Writing a Comparison Essay Write a comparison essay to explain the similarities and differences between two or more subjects, and how they relate to each other.</p>	<p>Design a Scrapbook Page Create a scrapbook page about your favorite music.</p>
<p>A Job Introduction by an Underwater Archaeologist</p> <p>Listening Tip Identifying Speaker's Purpose</p>	<p>Describing Something Special</p> <p>Asking about what someone likes <i>Why does it mean so much?</i> <i>Can you describe what it looks like?</i></p> <p>Explaining what you like <i>... is really special to me.</i> <i>It's meaningful because ...</i></p>	<p>Writing a Travel Brochure Write a travel brochure to convince people to visit a certain place.</p>	<p>Create a Poster Make a poster that introduces a place with historical significance.</p>
<p>An Introduction About Microbes in Bread by a Baker</p> <p>Listening Tip Identifying Keywords</p>	<p>Giving a Persuasive Speech</p> <p>Explaining reasons <i>The reason for this is that ...</i></p> <p>Addressing problems <i>If you ..., you might ...</i></p> <p>Encouraging actions <i>Be sure to ...</i></p>	<p>Writing a Journal Entry Write a journal entry to describe what happened in your life from your own point of view.</p>	<p>Grow Mold on Bread Find out how germs on our hands influence the formation of mold.</p>

Unit 1

How Does AI Make Our Lives Easier?



Reading	Main Idea and Details / Visualizing Characters
Listening	A Podcast Interview with an AI Artist
Speaking	Talking About Opinions
Writing	Writing an Opinion Essay



Get Curious



Look at the picture and answer the questions.

- 1 What do you think the girl is doing?
- 2 How do you think AI is helping her?



Watch the video and answer the questions.

- 1 How does AI work?
- 2 Is AI always helpful? Why or why not?



Watch



A Listen and repeat. Then write the correct numbers for the pictures.



- 1 **intelligence** *n.* the ability to learn and understand things
- 2 **perform** *v.* to do an action or activity
- 3 **role** *n.* a part played by a person or thing
- 4 **useful** *adj.* making something easier to achieve
- 5 **reach** *v.* to be able to get something or talk to someone
- 6 **instant** *adj.* happening immediately without delay
- 7 **customized** *adj.* made for someone's needs or desires
- 8 **pace** *n.* the speed at which someone does something
- 9 **assist** *v.* to help someone in doing something
- 10 **satisfy** *v.* to give what is wanted or needed
- 11 **rely on** *phrasal v.* to depend on or trust something to do a task
- 12 **interaction** *n.* the act of communicating or working with others



B Complete the sentences with the correct words.



satisfied intelligence role pace rely on customized

- 1 The app gives _____ suggestions based on the music you like.
- 2 Each member plays a _____ in winning the game.
- 3 The burger _____ my hunger after a long day.
- 4 The runner increased his _____ during the final lap.
- 5 Reading regularly can increase your _____.
- 6 People often _____ AI tools to get quick help.

C Circle the words that don't belong.



- | | | |
|-----------------|---------------|-----------|
| 1 access | <u>ignore</u> | reach |
| 2 communication | interaction | isolation |
| 3 slow | instant | immediate |
| 4 assist | hurt | aid |
| 5 perform | accomplish | fail |
| 6 helpful | difficult | useful |

Main Idea and Details

When you read a text, look for the main idea and details. The main idea is what the text is mainly about. Details are the facts, examples, or reasons that support the main idea. The main idea is sometimes not directly stated, but you can identify it through the details.

A Read the text and complete the chart with the correct words.



Bees are tiny insects that help plants grow. Bees move pollen from one plant to another while collecting nectar. With the pollen bees carry, plants are able to develop fruits and seeds. These seeds eventually grow into new plants that produce fruits and vegetables. Without bees, we wouldn't have enough fresh food to eat!



Main Idea	Bees play an important role in _____.
Details	<ul style="list-style-type: none"> • They _____ from plant to plant. • The pollen allows plants to _____. • Later, the seeds grow into new plants that _____.

produce fresh food growing plants form fruits and seeds carry pollen

B Read the text and circle the correct answers.



Wind energy is a clean and renewable way to make electricity. It comes from nature without burning any fuel or polluting the air. When the wind blows, it turns big blades called turbines. The spinning motion of the turbines generates electricity.

- ✓

1 What is the main idea of the text?

a Wind energy is generated from wind.

b Wind energy is environmentally friendly.

c Wind turbines make power the fastest.

d Wind turbines work without fossil fuels.
- ✓

2 Which sentence supports the main idea?

a Wind turbines help keep the air cool.

b Wind turbines are easy to build.

c Wind energy doesn't cause pollution.

d Wind energy works best on windy days.

C **DISCUSSION** Look at the title on page 10. Then discuss what you think the main idea of the text is.



Is AI in Education Helpful?



AI, or Artificial **Intelligence**, is technology that can **perform** tasks usually done by people. It has become an important part of our lives. Especially, it has been used to help students learn, solve problems, and understand language. Do you think AI should play a **role** in education, or would it cause more problems?



Ali 13 years old Cairo, Egypt



I think AI is **useful** because it is always ready and easy to **reach**. For example, my school's chatbot on the website helps us a lot. If my parents and I have questions about school and schedules, it helps us anytime we want. Also, it works as an AI tutor. When I do my homework and have questions, it gives me **instant** feedback. If I have a hard time writing, it also gives me ideas so that I can start writing. Having support from AI makes my school life easier.



Discuss Have you ever used AI, like a chatbot or voice assistant?



AI CHAT

When's our next school break?

Chatbot

May 15th!

I'm stuck on a math question.

Chatbot

No worries! Show me the question and I'll help step by step.

I need to write a story but don't know how to start.

Chatbot

Try this—"Last weekend, something surprising happened..."




Lucia 12 years old 📍 Sydney, Australia



AI is fantastic for personalized learning! In my math class, we use DreamBox, an AI platform that creates **customized** lessons based on each student's level. This way, I can learn at my own **pace** and focus on areas where I need help. Besides personalized learning, AI also **assists** me in finding information quickly. Every time I have random questions, I ask my smart speaker. It gives me answers really fast, so it **satisfies** my curiosity and helps me explore new topics.



 **Recall** How does Lucia use AI in her math class?



Eddie 13 years old 📍 San Francisco, USA



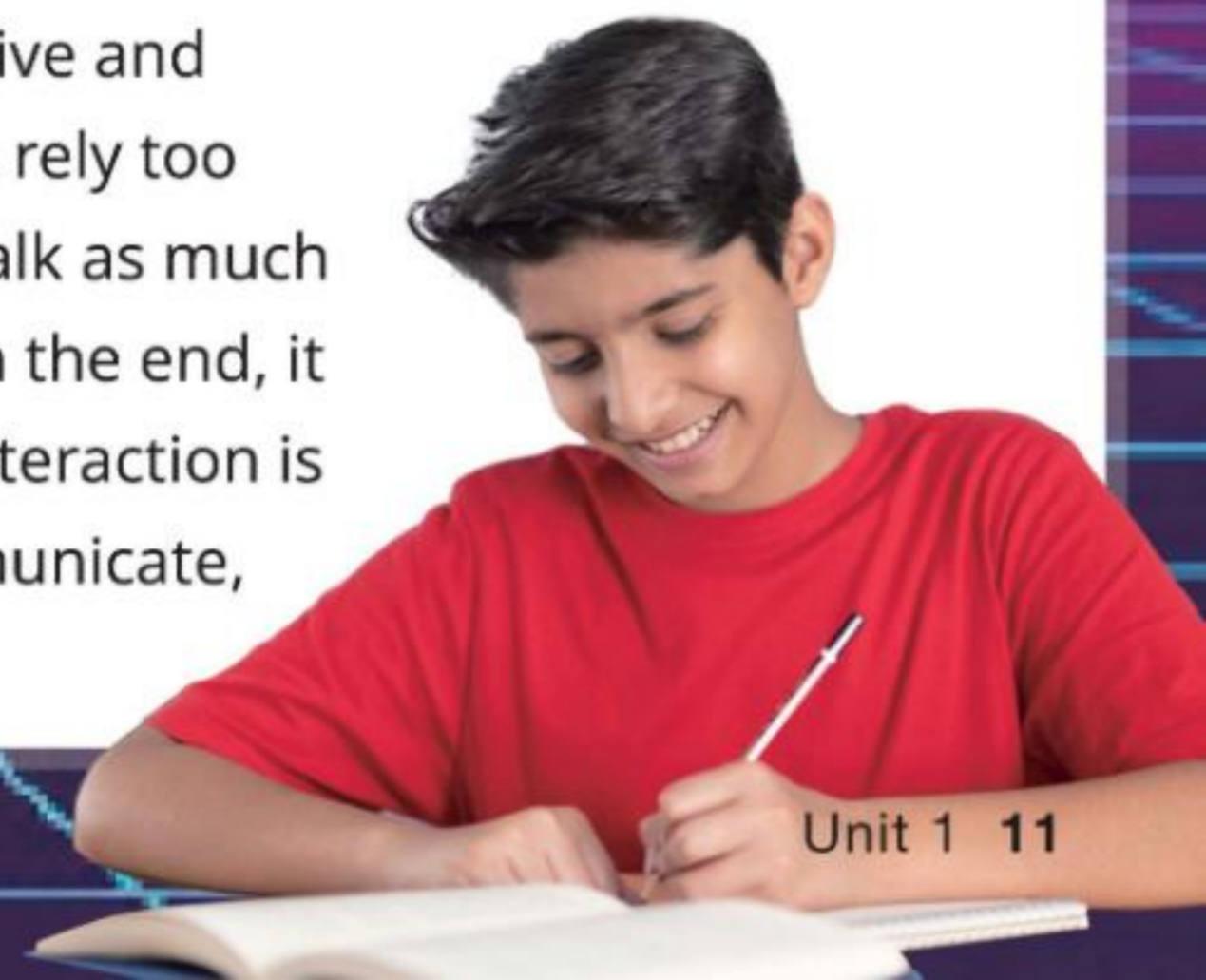
I believe we should be careful about using AI. First, AI tools can give us false information. This has been a big problem because we might believe these incorrect answers are true without checking. Second, AI makes it easy for us to cheat on assignments. Instead of doing our own work, we might just copy what AI says. This could make us miss an opportunity to learn.



Sofia 15 years old 📍 Puebla, Mexico



Using AI too much can prevent us from learning important skills like solving problems on our own. Instead of thinking for ourselves, we might **rely on** AI for answers. This could take away our chance of being creative and coming up with our own ideas. If we rely too much on AI for help, we might not talk as much with our teachers and classmates. In the end, it can reduce social **interaction**. This interaction is important for learning how to communicate, work together, and share ideas.









A **READING STRATEGY** Read and circle the correct answers.

- ✓ 1 What is the main idea of the text?
- a AI in education is always beneficial and should be used more.
 - b AI can be helpful in education, but it also causes problems.
 - c AI should not be used in education because it makes learning easier.
 - d AI is useful for getting quick answers, but it's not always correct.
- ✓ 2 What is mentioned as an advantage of AI in education?
- a AI can help students solve problems on their own.
 - b AI can give instant feedback and support students.
 - c AI can increase social interaction between students.
 - d AI always provides true information to students.

B **READING STRATEGY** Complete the chart with the correct words.



Is AI Helpful in Education or Not?

👍 Agree	👎 Disagree
 Ali <ul style="list-style-type: none"> • gives support immediately • _____ 	 Eddie <ul style="list-style-type: none"> • gives false information • could be used for _____
 Lucia <ul style="list-style-type: none"> • _____ based on the students' level • helps find information quickly 	 Sofia <ul style="list-style-type: none"> • prevents from learning problem-solving skills • _____
helps like a teacher cheating on assignments	reduces social interaction offers customized lessons

C **DISCUSSION** Discuss your answers with your partner.

- 1 In what way have you used AI at school or at home? Do you enjoy using it?
- 2 Do you agree or disagree with the use of AI in education? Why?



A WARM-UP Discuss your answers with your partner.

- 1 What do you think about using AI for drawing?
- 2 Have you ever seen drawings by AI? If so, what do you think about them?



B Listen and circle the correct answers. 04

- 1 What is the purpose of the conversation?
 - a to discuss AI technology in education
 - b to learn how Elizabeth uses AI
 - c to talk about Elizabeth's drawings
- 2 What does Elizabeth think about AI and creativity?
 - a AI replaces human artists and takes away their creative work.
 - b AI makes the creative process slower and harder for artists.
 - c AI gives artists new ideas and helps them create interesting effects more easily.

Tip!

Listening for Sequence

Focus on signal words such as *first*, *then*, *next*, or *once*, as they present the order in which the events occur.

C Listen again and number the sentences in the correct sequence. 05

Drawing with AI: How It Works

- Elizabeth enters her idea into AI tool.
- AI suggests different styles that Elizabeth can use in her drawing.
- AI searches for pictures that relate to Elizabeth's topic.
- Elizabeth picks her favorite styles and AI puts them together to help her complete her drawing.
- Elizabeth decides on a topic or an idea for her drawing.

Speaking

A Listen and read the dialogue. 06

Millie: What do you think about using robots in our daily lives?

Kate: In my opinion, it makes life easier.

Millie: Why do you say that?

Kate: I say that because it can help us with routine tasks, like cleaning the house.

Millie: I see your point, but I think using robots is risky.

Kate: Really? What makes you think so?

Millie: It's because people might become too dependent on technology.

Kate: That's a good point.



Talking About Opinions

Asking someone for opinions

What do you think about ...? / Why do you say that? / What makes you think so?

Explaining opinions and reasons

In my opinion, ... / I say that because ... / I see your point, but I think ... / It's because ...

B Practice the dialogue below with your partner using the words in the chart.

Topics	Positive Opinions & Reasons	Negative Opinions & Reasons
online learning	It's convenient and saves us time. → We can learn at our own pace.	It makes asking questions harder. → We can't ask teachers right away.
social media	It helps us stay connected. → We can talk to people far away.	It's not good for our eyes. → It makes us spend much time on screens.
robots as friends	They can be good friends. → They never get tired and can always be there for us.	They can't be real friends. → They don't have emotions and don't understand our feelings.

What do you think about _____?

I see your point, but I think _____.
It's because _____.

In my opinion, _____.
I say that because _____.

That's a good point.

C COLLABORATION Choose one topic and talk with your partner using the dialogue from A.

Wearing school uniforms

Longer lunch breaks

Using smartphones at school



A Listen and repeat. Then write the correct numbers for the pictures.



- 1 **ordinary** *adj.* usual; not special
- 2 **bark** *v.* to make a loud sound like a dog
- 3 **observe** *v.* to watch someone or something carefully
- 4 **virtual** *adj.* not being true or real
- 5 **personalized** *adj.* designed for a particular person
- 6 **advice** *n.* an idea or opinion given as help
- 7 **choice** *n.* an act of picking or choosing something
- 8 **trust** *v.* to believe someone to be reliable
- 9 **tug** *v.* to pull something with force
- 10 **guilty** *adj.* feeling bad for doing something wrong
- 11 **heartfelt** *adj.* showing deep and genuine feelings
- 12 **sincerity** *n.* the quality of expressing what you truly feel



B Match to complete each sentence.



- | | | |
|--|---|---|
| 1 When you observe the night sky, | ● | ● a when playing a team sport. |
| 2 Writing a heartfelt letter can | ● | ● b when you apologize to someone. |
| 3 Our teacher can give us advice | ● | ● c so you can attend from anywhere. |
| 4 The class will be virtual , | ● | ● d you can see stars shining. |
| 5 Sincerity is necessary | ● | ● e on how to study science better. |
| 6 You should trust your partners | ● | ● f strengthen your friendship. |

C Complete the sentences with the correct words.



barks personalized ordinary guilty choice tugged

- 1 He felt _____ for taking the cookies from his brother.
- 2 Jessica has a _____ mug with her photo on it.
- 3 He had to make a _____ between red or black.
- 4 Her house is _____, but very cozy and welcoming.
- 5 My dog _____ when she is hungry.
- 6 The boy _____ his mother's sleeve to get her attention.