

5

Quest



Bricks



Workbook



Quest

Workbook

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How Does AI Make Our Lives Easier?

Ready Up » Word Study

A Write the correct words from the box using the given definitions.

perform customized intelligence rely on satisfy role

- 1 _____: made for someone's needs or desires
- 2 _____: to give what is wanted or needed
- 3 _____: the ability to learn and understand things
- 4 _____: a part played by a person or thing
- 5 _____: to do an action or activity
- 6 _____: to depend on or trust something to do a task

B Match the words to the definitions.

- | | | | |
|---------------|---|-----|---|
| 1 useful | • | • a | the act of communicating or working with others |
| 2 reach | • | • b | the speed at which someone does something |
| 3 instant | • | • c | to be able to get something or talk to someone |
| 4 pace | • | • d | to help someone in doing something |
| 5 assist | • | • e | making something easier to achieve |
| 6 interaction | • | • f | happening immediately without delay |

C Read and write the correct synonyms.

satisfy useful rely on perform

- 1 I **depend on** my alarm clock to wake me up for school. _____
- 2 Our class will **carry out** a fun science experiment today. _____
- 3 My watch is **helpful** for keeping track of time while running. _____
- 4 The new bus route is designed to **meet** the needs of people. _____

Read

A **WARM-UP** Have you ever seen a robot? Where did you see it, and what could it do?

B Read the text. Then think about the main idea and its supporting details.

How AI Helps Our Lives 02

Artificial **intelligence** (AI) has changed our daily lives in many ways. It is **useful** because it helps machines **perform** complex tasks in many areas. Here are some examples.

One important area where AI is making a difference is transportation. AI in cars enables them to drive independently. In self-driving cars, AI uses cameras and sensors to watch the road and spot other vehicles. It also enables the car to follow traffic rules and finds the best route, making **instant** decisions when needed. This makes driving safer, easier, and more comfortable for everyone.

Another important area is healthcare. AI helps doctors and nurses find illnesses more quickly by analyzing medical images like X-rays. It also recommends treatments by studying patients' medical histories. Sometimes, AI robots are used in surgeries. They can make careful movements and **assist** doctors with difficult operations.

AI is not only helping in hospitals. It is also changing how students learn. AI

provides **customized** lessons based on each student's level, making learning easier. It checks assignments and gives corrections right away, so students can learn from their mistakes quickly. It also finds areas where students need help and gives additional explanations and questions to support them.

Lastly, AI is changing the way things are made in factories. These days, smart factories have **rely on** AI to make production faster and easier. AI analyzes production data to optimize the process. It also finds problems early, so products stay high quality. Some AI robots even do risky tasks to protect human workers from danger.

AI is improving many parts of our lives, such as transportation, healthcare, education, and manufacturing. The future with AI looks exciting and full of possibilities!



Learn » Comprehension

C **READING STRATEGY** Check ✓ the main idea of the text.

- AI is becoming more intelligent than humans in many ways.
- AI will soon replace many human jobs in various industries.
- AI is helpful in many parts of our daily lives, making tasks easier.

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

Areas	How AI Helps
Transportation	AI in self-driving cars monitors the road and other vehicles, follows traffic rules, and _____.
Healthcare	AI analyzes medical data to _____, suggests treatments based on patients' medical histories, and assists doctors in surgeries.
Education	AI _____ based on students' levels, provides instant feedback, and offers extra help in their weak areas.
Manufacture	AI in smart factories studies data to make production faster, finds problems in products to maintain their quality, and keeps workers safe by _____.

identify illnesses earlier

performing risky jobs

gives customized lessons

chooses the best route

E Read and check ✓ *True or False*.

- 1 Self-driving cars can make decisions by themselves.
- 2 AI is not able to help doctors and nurses during surgeries yet.
- 3 AI can teach all students to reach the same educational level.
- 4 AI in smart factories can make production more efficient.

True False

WHAT ABOUT YOU? In what other areas of your daily life do you think AI could be helpful?

Why do you think so?

Present Perfect

Affirmatives	<p><i>I have already read that book several times.</i> have/has + p.p.</p> <p><i>Peter has just eaten dinner.</i></p>
Negatives	<p><i>We haven't visited that museum yet.</i> haven't/hasn't + p.p.</p> <p><i>Amy hasn't slept well for three days.</i></p>
Questions	<p><i>Have you ever flown a drone? Yes, I have. / No, I haven't.</i> Have/Has + Subject + p.p.</p> <p><i>Has Mark ever been to Disneyland? Yes, he has. / No, he hasn't.</i></p>

A Circle the correct words to complete the sentences.

- 1 Angie **have traveled** / **has traveled** to Italy twice.
- 2 **Have** / **Has** you ever **try** / **tried** rock climbing before?
- 3 I **have been** / **has been** a member of this gym for six months.
- 4 They **haven't visited** / **haven't visiting** the museum yet.
- 5 Michael **have** / **has** already **finish** / **finished** reading the novel.
- 6 **Have** / **Has** she **lives** / **lived** in Paris since she was born?
- 7 Kevin still **haven't had** / **hasn't had** lunch. He's waiting for his friends.
- 8 We **have** / **has** just **buy** / **bought** the train tickets. We're ready to leave.

B Complete the sentences using the given words and the present perfect.

- 1 Jennifer _____ the violin for a year. (play)
- 2 They _____ their new neighbors yet. (not meet)
- 3 My brother _____ just _____ a beautiful poem. (write)
- 4 Be careful. They still _____ the broken chair. (not fix)
- 5 Ingrid _____ home yet. We're starting to worry. (not come)
- 6 My parents _____ a treehouse in the backyard for me. (build)
- 7 _____ you _____ English for many years? (study)

C Complete the dialogues using the given words and the present perfect.

1 **Q:** _____ the new episode?
(you / watch)

A: Yes, _____. It was amazing!

2 **Q:** _____ raining yet?
(it / stop)

A: No, _____. It's still pouring.

3 **Q:** _____ the art classroom yet?
(they / clean up)

A: Yes, _____. They've already washed the brushes.

4 **Q:** _____ to your message?
(Emily / reply)

A: No, _____. She's probably busy.

D Complete the text with the correct words using the present perfect.

Jack and I _____ for the upcoming city marathon next month! We _____ our training already, and we run through the park every morning. We _____ a single day of training so far. Since Jack _____ several marathons before, he helps me a lot. Thanks to his help, I _____ any injuries since I started training. We are planning to run longer this week. I'm very excited about this challenge, and I hope everyone tries a marathon someday.



not skip participate in begin sign up not have

E Write the sentences using the present perfect.

1 AJ and I / play / the ukulele / for three years.

→ _____

2 My sister / not attend / badminton classes / since last month.

→ _____

3 you / ever / see / a shooting star?

→ _____

Ready Up » Word Study

A Write the correct words from the box using the given definitions.

virtual ordinary observe tug guilty heartfelt

- 1 _____: to watch someone or something carefully
- 2 _____: showing deep and genuine feelings
- 3 _____: not being true or real
- 4 _____: to pull something with force
- 5 _____: usual; not special
- 6 _____: feeling bad for doing something wrong

B Match the words to the definitions.

- | | | |
|----------------|---|---|
| 1 trust | • | • a to make a loud sound like a dog |
| 2 choice | • | • b designed for a particular person |
| 3 bark | • | • c to believe someone to be reliable |
| 4 sincerity | • | • d the quality of expressing what you truly feel |
| 5 personalized | • | • e an idea or opinion given as help |
| 6 advice | • | • f an act of picking or choosing something |

C Read and circle the correct answers to complete the sentences.

- 1 Tyler looked _____ after he broke the vase on the table.
a guilty b heartfelt c personalized
- 2 Her speech showed _____ and touched everyone's heart.
a advice b sincerity c choice
- 3 Scientists _____ animals in the wild to study their behavior.
a trust b observe c tug
- 4 The kind teacher always praises her students with _____ words.
a heartfelt b ordinary c virtual

D Circle the correct words to complete the sentences.

- 1 It was my entirely **choice** / **sincerity** to join the tennis team this year.
- 2 The app offers **guilty** / **personalized** recommendations based on your interests.
- 3 The rock may look **ordinary** / **heartfelt**, but it is actually from space.
- 4 All players on the team **trust** / **bark** their coach, who led them to victory.
- 5 Noah wore **heartfelt** / **virtual** reality goggles and felt like he was inside the game.
- 6 I always ask my parents for **sincerity** / **advice** before making important decisions.

E Complete the texts with the correct words.

- 1 Unlike an _____ spring shower, the rain was pouring down hard today. As Emma got home, she heard her dog _____ loudly in the backyard. When she went back there, she noticed her dog was soaking wet. Emma felt a bit _____, thinking about how long it had waited for her outside. She gave it a warm hug, and it licked her face. It seemed to feel Emma's _____. Feeling sorry, Emma took her dog inside and gave it a _____ between a bone and a biscuit for a treat.



barking choice ordinary guilty sincerity

- 2 Welcome to Maya's virtual class! Today, you'll make your own _____ keychain with colorful beads. Be sure to _____ me carefully and follow each step I show you. Start by placing the beads on the string. Once all the beads are in place, try tying the ends. Don't worry if some beads fall off. Just put the beads back on and _____ both ends firmly to keep them in place. My last piece of _____ is not to make the keychain too tight, or it might break. Now, your unique keychain is ready! Attach it to your belongings or use it as a _____ gift for someone you love.



tug personalized observe heartfelt advice

Read

A WARM-UP Do you think robots can become your friends or family? Why or why not?

B Read the story. Then think about what Nova the robot looked like and how it acted.

More Than a Machine

03



The two friends, Jenny and Theo, won brand-new robots as a prize at the science fair. The robots had shiny silver bodies and glowing blue eyes displayed on their digital faces. They could walk and talk just like humans. Jenny named her robot Nova, while Theo called his Bolt.

At first, the two robots seemed exactly the same. Like any **ordinary** robot, they followed instructions and handled simple tasks. But over time, the robots began to change and act differently.

In Jenny's home, Nova was treated like family. He joined them for meals, gave **advice** on personal matters, and even had a **personalized** spot in the house. Theo's family, on the other hand, saw Bolt mainly as a helper. Bolt spent most of his time quietly doing chores with little interaction with the family.

One day, Theo visited Jenny and

observed how she interacted with Nova.

"Nova, can you help me with this math problem?"

Jenny asked.

"Sure," Nova replied.

After a few minutes of working together, Jenny grinned. "I get it. Thanks, Nova!"

"No problem, buddy! How about a movie break?" Nova said, gently tapping Jenny's shoulder. He made a soft buzzing sound with excitement. Theo was surprised. "Why is Nova so different from Bolt?" he said.

"We have been treating Nova like a member of our family. In our house, he's not just here to work. He's here to be with us, and he learns how to interact from us," Jenny replied with a smile.

Theo was amazed by how Nova talked and acted like a real friend. "Wow," he said. "I wonder if I could be friends with Bolt like that."

Feeling inspired, Theo made the **choice** to interact more with Bolt. He started talking to Bolt more, sharing his thoughts, and spending time with him.

To Theo's surprise, Bolt slowly began to change. Treating him like a family member made all the difference. Theo started to build a real bond with Bolt and began to **trust** him as more than just a helper.

