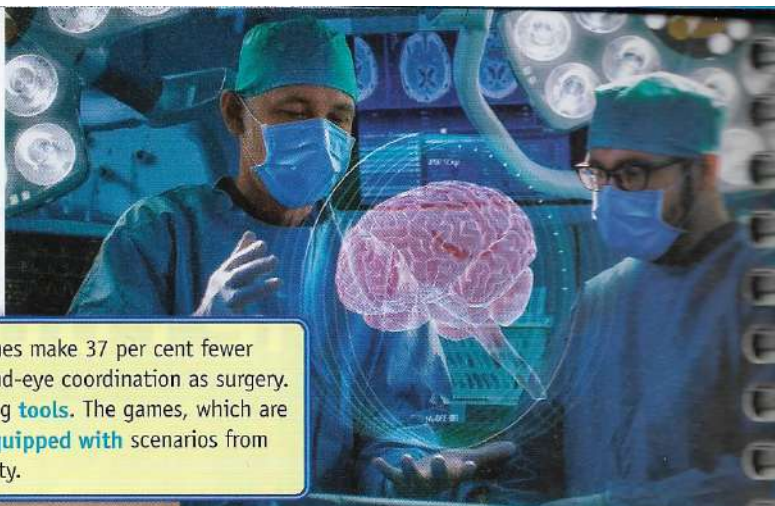


VOCABULARY Technology



1 Read the mini-texts below. Pay attention to the words in colour.



Did you know that surgeons who grew up playing video games make 37 per cent fewer mistakes? One reason is because **gaming** uses the same hand-eye coordination as surgery. **A** Now specially designed adventure games are used as training **tools**. The games, which are **installed** on **devices** like mobile phones and tablets, are **equipped with** scenarios from real cases. This **enables** surgeons to practise in virtual reality.



Did you know that when you **delete** files and e-mails from your computer, they remain on your hard disc? That includes everything that you have ever **backed up** or saved. Your computer will **deny** you **access** to any information after you delete it, but anyone with some knowledge of computers can locate and use it. Remember this before you throw away your old computer or you might discover that your most embarrassing photo has **gone viral**!

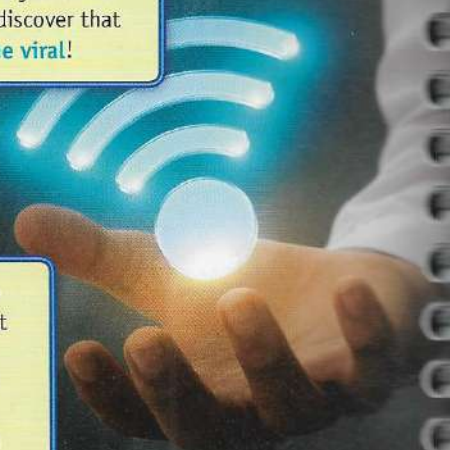
2 Find an example of the following in the texts above:

- 1 a childhood activity that can help doctors
- 2 where unwanted information is kept
- 3 something that can interfere with technology

3 Choose the correct continuation. Pay attention to the words in colour.

- 1 Their products are **user-friendly**.
 - a They're easy to use.
 - b Children shouldn't use them.
- 2 I'm **browsing** the Internet.
 - a I'm listening to music.
 - b I'm looking for information.
- 3 I'm **uploading** these pictures.
 - a I want everyone to see them.
 - b I don't want anyone to see them.
- 4 Their products use **cutting-edge** technology.
 - a They are very advanced.
 - b They are old-fashioned.
- 5 This technology is **capable of** saving lives.
 - a It's dangerous to use.
 - b We're lucky it exists.

Have you ever been in the middle of **updating** an app when you lost your Wi-Fi signal? Maybe it's because you were standing in the wrong place. Water blocks Wi-Fi signals and the human body is 60 per cent water. Old microwaves can also interfere with **wireless** Internet, but that's easily solved by **upgrading** your microwave.



LOOKING AT LANGUAGE

- 1 The word *tablet* has got two meanings. One refers to an electronic device. What does the other refer to?
 - 1 medicine 2 a table 3 a newspaper
- 2 The "e" in e-mail stands for *electronic*. What other "e" words do you know?

4 Choose the correct answer. Pay attention to the words in bold.

- 1 We've **backed up** the files, so there's *only one* / *another* copy.
- 2 The photo has **gone viral**. *Everybody* / *Nobody* can see it.
- 3 I'm looking to buy a phone that is **equipped with** a *large memory* / *lots of recommendations*.
- 4 I've just **updated** the application, so I've got *the latest* / *an older* version now.
- 5 This app was **user-friendly**, so I *couldn't use* / *enjoyed using* it.
- 6 I **delete** comments that I think are *important* / *embarrassing*.

5 Complete the sentences with the words below. Which of the sentences do you agree with?

wireless | capable of | deny access | devices gaming

- 1 ... teaches you important skills that you can use in real life.
- 2 Internet sites should ... to children during the school week, so they can concentrate on their school work.
- 3 Cities should provide ... Internet to all residents, so everyone can go online.
- 4 Mobile phones are the most important ... in the modern world.
- 5 It seems difficult, but actually, everyone is ... learning to code.

6 What other words do you know connected to technology?

LISTENING A Podcast

7 Have you ever spent a day or more without your phone? How do you feel when you can't use your phone?

8 You are going to hear a podcast about an unusual place. Listen to the first part of the podcast. Which of the following are mentioned?

- 1 an unusual law
- 2 the size of the National Radio Quiet Zone
- 3 the number of people in Green Bank
- 4 how the local people feel

9 Listen to the second part of the podcast and complete the sentences with 1-2 words.

- 1 Green Bank has got one of the ... telescopes in the world.
- 2 The telescope weighs more than ... kilograms.
- 3 Green Bank is a good location because ... people live there.
- 4 The mountains protect the telescope from outside ...
- 5 A small tool or appliance can stop it from ...
- 6 A man drives around looking for ... energy levels.



Green Bank telescope

SPEAKING Speculating

10 What would you miss the most if you weren't connected to the Internet for a week? Discuss with your partner.

I think I'd miss Instagram the most. I can't imagine going through a day without posting something.

It would be really difficult to do homework. I do a lot of research online.

USEFUL LANGUAGE

I'd probably miss ...

It would be really difficult to ...

I think I'd miss ... the most.

I can't imagine ...

Everything would be ...

I couldn't live without ...

VOCABULARY



COLLOCATIONS

Many collocations in English are formed with an adjective and a noun or an adverb and an adjective.

*Artificial intelligence will make our lives easier.
He is **well aware** of the problem.*

- 1 Choose the correct answer to complete the collocations. Use the glossary to help you.
 - 1 This dating app looks for the ... **match** for you. (perfect / strong)
 - 2 The technology fair was cancelled due to ... **rain**. (thick / heavy)
 - 3 The ... **majority** of people have never heard of this device. (vast / big)
 - 4 You will be ... **surprised** by the results of the survey. (pleasantly / typically)
 - 5 Many people no longer have ... **jobs**. (long / steady)
 - 6 I'm ... **serious**. This is dangerous! (deadly / highly)
 - 7 She's in ... **trouble** for cheating in the exam. (wide / deep)

- 2 Complete the collocations with the words below. Use the glossary to help you.

conveniently | **rapid** | **strongly** | **highly**
widely | **slight**

- 1 It's ... **unlikely** that we won't need human doctors.
- 2 There's only a ... **difference** between these models of phones.
- 3 The computer shop is ... **located** on a main street.
- 4 We will be seeing a ... **increase** in sales of computers in the future.
- 5 The importance of technology is ... **accepted** today.
- 6 Some people are ... **opposed to** the use of mobile phones in schools.

LISTENING A Museum Tour

- 3 A robotic vacuum cleaner is an example of artificial intelligence (AI) in our lives. Think of two other examples. Which is the most useful?
- 4 You are going to hear a museum tour of an exhibition called *Welcome to the Future: Life under AI*. Listen to the first part of the tour. Decide if the following sentences are true or false.
 - 1 The museum tour lasts all day.
 - 2 Robots can now teach themselves.
 - 3 Simon thinks that robots will be as clever as people.
 - 4 The woman is pleased that robots will be doing the jobs of humans.
 - 5 Simon believes that governments will find jobs for everyone.
 - 6 Simon thinks life will be good without jobs.
- 5 Listen to the second part of the tour. Complete the information in the poster below with 1-3 words.

WELCOME TO THE FUTURE EXHIBITION

DEVICE: the Soulband, an ¹ ... wristband.

CONTAINS: a ² ...

FUNCTIONS: Searches the ³ ... for suitable matches. Arranges a ⁴ ... with another person's avatar. Connects users to a specialised book service that ⁵ ... books in a style you like. Discusses the ⁶ ... with the user.



LOOKING AT PRONUNCIATION

- 1 Listen and repeat the sentences below. Make sure you link the words together as shown.

- 1 An interesting museum exhibit.
- 2 It's about artificial intelligence.
- 3 I have a personal assistant.
- 4 They're well aware of the problem.
- 5 There's been a rapid increase in sales.

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