



CAMBRIDGE

Official
Cambridge
Exam
Preparation

Second Edition

POWER UP

Pupil's Book with eBook

4

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Map of the book

	Vocabulary	Grammar	Cross-curricular	Literature	Assessment
Welcome to Diversicus Page 4	Main character names Describing people	Revision of Level 3			
1 This year's trip Mission: Plan a trip with a friend Page 6	Months and ordinal numbers Journeys Sounds and spelling: stress in months vocabulary	might/may <i>It might be hot.</i> <i>You may need a strong pair of boots.</i> Indefinite pronouns <i>everywhere, somewhere, anywhere, nowhere; everyone, someone, anyone, no-one; everything, something, anything, nothing</i>	What's the climate like? Learn about climates and climate zones The Arabian Desert  Cultural Awareness	The lion of the Seas A children's encyclopedia entry  Cultural Awareness	A2 Reading and Writing
2 Our beautiful planet Mission: Make an explorer's expedition diary Page 18	The natural world Animals Sounds and spelling: silent e	Past simple review: regular and irregular verbs; ago <i>We got here three days ago.</i> <i>We didn't camp in the woods.</i> <i>Did you sleep in a tent?</i> too and enough <i>There's too much pollution.</i> <i>There isn't enough ice.</i>	Save our world Learn about endangered animals Animals in Australia  Appreciating Interdependence	When Dad lost his glasses A poem  Thinking in systems	A2 Listening
3 Let's celebrate! Mission: Have a quiz party Page 30	Competitions Music and festivals Sounds and spelling: <i>b</i> and <i>v</i>	Present perfect for experience <i>Have you ever won a competition?</i> <i>Have you ever been in a race?</i> Present perfect with just, already, yet <i>I've already taken more than 100 photos.</i> <i>I haven't seen the pyramids yet.</i> <i>We've just finished in Brazil.</i>	Making music history Learn about the history of musical instruments Brazilian carnival music  Creative Thinking	The local football hero A real-life story  Creative Thinking	A2 Listening
Review Units 1–3					
4 Time of our lives Mission: Write a chain story Page 44	Verbs for offers, promises and requests Telling the time Sounds and spelling: alternative spellings for <i>ee</i>	Past continuous <i>We were waiting at the bus stop when it started to rain.</i> <i>While we were getting on the bus, I was looking for my ticket.</i> Present perfect with since/for <i>I've worked in restaurants since I was a teenager.</i> <i>I've been a chef for 22 years.</i>	Time zones Learn about time zones New Year celebrations around the world  Digital Literacy	The legend of Mother Mountain A legend  Appreciating Interdependence	A2 Listening

	Vocabulary	Grammar	Cross-curricular	Literature	Assessment
5 Let it snow! Mission: Prepare a TV weather report Page 56	Seasons and weather In winter Sounds and spelling: revision of -er, -ar and -or endings	will/won't <i>We won't go outside today.</i> <i>You'll stay at home.</i> Conjunctions: so and because <i>We didn't go skiing because it was foggy.</i> <i>We couldn't see very well, so it wasn't safe to ski.</i>	Spring, summer, autumn, winter Learn about why we have seasons Climate in Argentina  Critical Thinking	Tomás and the snowman A real-life story  Critical Thinking	A2 Speaking
6 Working together Mission: Prepare for a job interview Page 68	Jobs World of work Sounds and spelling: stress in compound nouns	Question tags <i>You're a mechanic, aren't you?</i> <i>You can't fix robots, can you?</i> Short questions <i>'I've got a problem.'</i> 'Have you?' <i>'I can't find my mobile phone.'</i> 'Can't you?'	Inventions and robotics Learn about inventions and robotics South Korean inventions  Digital Literacy	Buddie has fun A science-fiction story  Emotional Development	A2 Reading and Writing
Review Units 4–6					
7 Then and now Mission: Make a poster about a household object Page 82	Things in the home Adjectives to describe objects Sounds and spelling: <i>j</i> spelling	Past participles <i>seen, found, driven, ridden, taken, broken, gone, left, tried, forgotten, put, stood, fallen, cut</i> be used for/to <i>They were used to bury the Egyptian kings.</i> <i>They 're used for teaching people about the Ancient Egyptians.</i>	Time machines Learn about the evolution of objects The pyramids of Ancient Egypt  Social Responsibilities	The boy king A historical fiction story  Social Responsibilities	A2 Reading and Writing
8 Space travel Mission: Write a space mission report Page 94	In space Adventure words Sounds and spelling: <i>s</i> + consonant(s)	will and going to <i>We 're going to have a special visitor.</i> <i>Some people think we'll live on Mars.</i> Review of past tenses <i>I finished my comic book.</i> <i>I was opening the wardrobe door when a cat jumped out.</i>	Preparing for Mars Learn about space exploration The International Space Station  Imagining alternative futures	My space blog A blog  Imagining alternative futures	A2 Reading and Writing
9 Great bakers Mission: Invent a new recipe Page 106	Mealtimes and snacks Cooking Sounds and spelling: <i>sh</i>	It smells/tastes/looks/feels/sounds like ... <i>I wanted to know what it tasted like.</i> <i>It felt like dry grass.</i> <i>It smelt like carrot cake.</i> <i>It looked like a nest.</i> make somebody + adjective <i>The smell's making me hungry.</i>	How chocolate is made Learn about chocolate production Traditional food in the UK  Appreciating cultural diversity	The gingerbread girl's adventure A fairy tale adaptation  Emotional Development	A2 Reading and Writing
Review Units 7–9					
Grammar reference page 120					

6

Working together

1

6.01



Watch the video. Answer the questions.



mission

Prepare for a job interview



2

Think about jobs you would like to do in the future.



pilot



engineer



manager

- 1 Listen. Which part is Marc going to play in the new show?

Diversicus is in South Korea. This morning everyone's practising for the new show, 'World of Work'.



- 2 Watch the video. Say the chant.

- 3 Describe a job to a partner. Play a guessing game.

A person who repairs cars.

I think it's a mechanic.

1



Watch the video. What did Ivan buy?

1 So, we're in South Korea. What's it famous for?

Yeah! And in South Korea they use a lot of robots, don't they?

They invented K-pop music, didn't they?

2 You're both right, but let's look at robots first.

Jenny, Dad's got a robot in the kitchen, hasn't he?

Yes, but it doesn't look like a person.

3 Robots don't always look like people, do they?

No, they don't. Robots can be any shape or size.

At home, we've got one which cleans the floor. It hasn't got arms or legs.

4 They're designing robot teachers, aren't they, Dad?

Yes, they are, but they aren't ready yet. Now, this afternoon we're all going to see some robots!

5 Look! That robot's playing the violin.

Yes, but it can't play a tune as well as a real musician, can it?

6 That's the biggest robot in the world, isn't it?

No, but it can lift cars. It's as strong as Ivan.

Hmm. Oh, look over there.

7 Look! This puppy can walk, can't it?

Yes, it can. And it can play with a ball!

You aren't going to get one, are you?

8 You didn't buy a puppy, did you?

Yes, I did. He's so cute, I couldn't leave him there, could I? Come on, Mr Barker! Walkies!

2

Which robots did the characters like most?





Watch the video. Then read and match.

Rose's Grammar

- | | |
|---------------------------------|---------------|
| 1 You're a mechanic, | a can you? |
| 2 You fixed our car last month, | b aren't you? |
| 3 You can't fix robots, | c didn't you? |



2 Read and complete with the correct question tags.

Teacher: Thanks for coming, Anika. You want to be the next class captain, ¹ _____?

Anika: Yes, I do. I think I'd be good at it.

Teacher: Great. And you're on the school council, ² _____?

Anika: Yes, that's right.

Teacher: And now you want to be a leader, ³ _____?

Anika: Yes, I do. I want a new challenge.

Teacher: Thanks, Anika. You can't do a speech for the class next week, ⁴ _____?

Anika: Yes, I can. No problem.

3 Do you know your partner well? Ask and answer, using question tags.

- 1 how he / she gets to school
- 2 what his / her favourite food is
- 3 where he / she went on holiday last year

You walk to school, don't you?

Yes, I do.

mission 1

Prepare for a job interview

Choose a job. Talk about it using question tags.
Then write a list.

Pilots need to be good at maths and science, don't they?

They are sometimes away from home, aren't they?

To be a pilot you need ...
- to be good at maths and science
- to like being away from home

1



Listen and match. Then sing the song.

1 Firefighters in the **fire station**
Wearing uniforms on their **fire engine**.

2 Businessmen and businesswomen
Going to **meetings** in their **offices**.
World of work! (x4)

3 Police officers by the **police station**
Wearing uniforms in police cars.

4 Journalists in the street
Getting **news** for the **newspapers**.
World of work! (x3)

5 Engineers in **factories**
With robots making cars.
World of work! (x4)

a



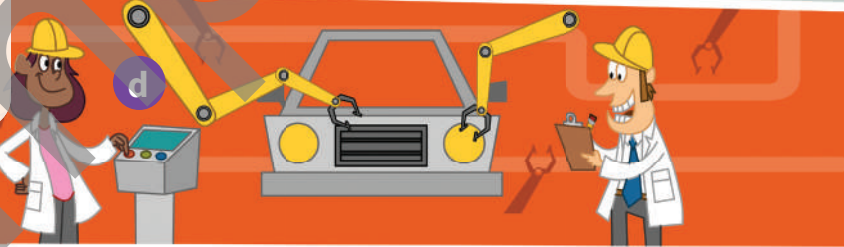
b



c



d



e



2



Listen and write the words.

3

Ask and answer about where people work.

Where do journalists work?

They work in newspaper offices and in the street.

Do you know anyone who works in an office? Who?



1



Listen or watch. Then read and choose.

**Ivan Investigates**

I've got a problem.

I can't find my mobile phone.

Have / Haven't you?

Can / Can't you?



2

Read and write the short questions.

- 1 They can't find the police station.
- 2 She's a mechanic now.
- 3 He didn't have a job interview yesterday.
- 4 I want to be a firefighter when I'm older.

Can't they?

3

Read and tell a partner. Respond with short questions.

- 1 something you ate for breakfast
- 2 something you can't do
- 3 someone you want to meet
- 4 somewhere you've been on holiday

I ate toast for breakfast.

Did you?

mission 2

Prepare for a job interview

In pairs, look at your list and say why you're the right person for your chosen job. Respond with short questions.

I studied science at university.

Did you?

I can fly planes.

Can you?

Inventions and robotics

1



6.10

Watch the video. Answer the questions.

2

Phones have changed a lot over the years. Look at the photos and order them from the earliest phone (1) to the most modern phone (5).

a



b



c



d



e



3



6.11

Listen and read. Then answer the questions.

An invention begins as an idea. Then other people find ways to make that invention better. Our machines are always changing. Not very long ago, we thought of robots as science fiction, but robots are already part of our lives.

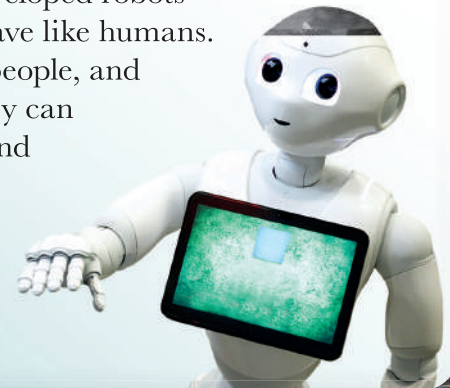
Robots are machines that can do the actions of a human. At first, most robots did boring or dangerous work in factories, like putting parts of cars together or putting chocolate bars in boxes ready to go to the shops. They could repeat the same action all day and never get bored. Those robots didn't need a human to control every action. Other robots need human control. For example, doctors use robots to help them operate on very

small body parts. We use robots to test planes and cars. We also have robots which can clean our homes. Some robots drive special cars which don't need a driver and there are even robots on Mars!

Scientists have developed robots that look and behave like humans.

They can talk to people, and scientists think they can help in hospitals and schools one day.

Do you think it's possible that your future teachers will be robots?



1 What are robots?

2 How can robots make life easier?

3 What do doctors use robots for?

4 What dangerous jobs do robots do?

4

Talk to a partner about a robot that you would like to invent.

- How will it help us?
- What will it look like?

- What kind of energy does it need?
- Who will want to use this robot?

1



6.12

Listen and read. How many of these inventions do you use? Which is the most useful to you? Why?

South Korea is a country in Asia. It isn't a large country, but more than 50 million people live there. South Korea is one of the most modern and developed countries in the world, with a very important electronics industry.

South Korea also has some of the most interesting ideas in the world of technology. You probably use many of these inventions every day, but did you know that they come from South Korea?

For example, have you got a mobile phone or a tablet? South Korean scientists invented the touch screen. Before this invention, people had to press buttons or use a special kind of pen to give instructions to the machine. It's much easier to give the instructions with your fingers.

South Korea also invented the first MP3 player. In the past, people collected big round records or cassettes of their favourite music. The invention of the MP3 player was the beginning

of mobile digital music. You can now take your music with you and listen to it anywhere: on a bus, on a train or in bed. In the past you could take your music with you, but the machines were big and uncomfortable to carry.

Technology is not just for fun. Inventors in South Korea have also created things that really help people. For example, there is now software to help people who cannot see well. You can put the software on your tablet, and it translates the text on an e-book to Braille for you. This means that anyone at school, university or at work can study and work in any job they want to. You can see why South Korea is so important in the world of technology, can't you?



2

Use the internet to find out about inventions from your country.

mission 3

Prepare for a job interview

Find out what inventions people use in your job. Complete the table.

Inventions pilots use	Why?
Virtual reality	to learn how to fly a plane
GPS	to get to the destination and land safely
Radar	to see where other planes are in the sky

1

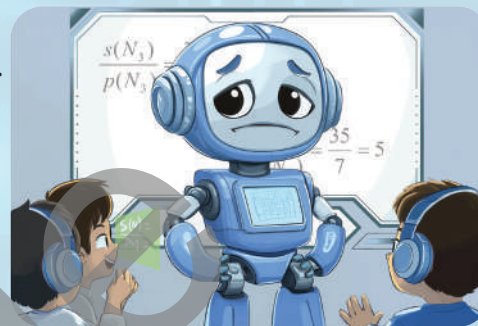


Listen and read. How does Buddie help Seo-Joon?

Buddie has fun

The year was 2076 and Buddie was a robot teaching assistant. He could do impossible maths problems, but he found humans more difficult to understand.

'If $x=5.672$ and $y=93.62$, then $z=673.456$,' said Buddie. But the class wasn't listening. 'This is boring,' someone said. 'Can't we do something fun?' Buddie thought for a minute. 'Buddie doesn't understand "fun",' he said. The students laughed. 'Hey, you've hurt his feelings,' a student called Seo-Joon said. But this made them laugh more. 'He hasn't got any feelings!' they said.



Afterwards, Seo-Joon said to Buddie, 'I'm sorry they were mean to you. Don't be sad.' 'Buddie doesn't understand "sad",' Buddie replied. 'Never mind,' Seo-Joon said, and he added, 'I didn't understand the maths problem today. It was very difficult.'

'Was it?' said the robot. 'Buddie can help you with it.'

'Can you?!' Seo-Joon said, happily. 'Thank you, Buddie!'

Buddie explained it and suddenly it didn't seem so difficult. 'I understand now: $25/35$ is the same as $5/7$ so $25/35 - 5/7 = 0$!' Seo-Joon said happily.

'Well done. It's easy, isn't it?' said Buddie.

'Yes!' said Seo-Joon.

At that moment, Seo-Joon's friends walked past the door of the classroom. 'Hey, Seo-Joon, we're going to play on our hoverboards in the playground. You'll come with us, won't you?' they said. 'Sure!' he replied. 'Do you want to come Buddie? It'll be fun!'

'Buddie wants to understand fun. Buddie will come with you,' the robot replied.



They played for the next hour without stopping until finally Seo-Joon said, 'It's nearly dinner time. I have to go home.'

'OK,' said Buddie. 'But we can play again tomorrow, can't we? That was fun!'

'It was, wasn't it?' said Seo-Joon. 'You see Buddie, you can understand fun!'

On Monday morning, Seo-Joon's classmates were complaining. 'Time for another boring class with Buddie.' But Buddie said, 'Today we're going to start class with a fun game.'

'Yaaaaay!' the class cheered.

1 How is Seo-Joon a good friend to Buddie?

2 Read the text. Choose the right words.

Technology in Schools

In the past, there was no technology in schools. Classrooms had (1) _____ board, some desks and chairs for the students and nothing more. Today, there are lots (2) _____ different technologies which teachers and students can use. (3) _____ classrooms have interactive white boards and projectors. Teachers can show pictures and videos (4) _____ lessons, and they can make learning games for their students. These changes make learning easier and more fun (5) _____ in the past. In the future, schools (6) _____ continue to change. Maybe one day, we'll even see robots in the classroom!

- | | | |
|----------|----------|-----------|
| a) was | b) is | c) will |
| a) the | b) an | c) a |
| a) at | b) of | c) than |
| a) Any | b) Some | c) Much |
| a) until | b) since | c) during |
| a) than | b) then | c) this |
| a) were | b) will | c) is |

3 Complete the questions with question tags. Who says the sentences – Buddie (B) or Seo-Joon (S)?

- | | | |
|---|---|--------------------------|
| 1 | You'll help me understand 'fun', _____? | ☐ |
| 2 | You'll come and play with my friends and me, _____? | ☐ |
| 3 | You can help me with this maths problem, _____? | ☐ |
| 4 | You don't know what 'fun' means, _____? | ☐ |

4 Write a conversation between you and Buddie. Act it out for your classmates. Include the points below.

- Tell Buddie about a problem you have. Explain why you need his help.
- How does Buddie help you? How do you thank him?



1 Read the text. Would you like to be a firefighter?

Firefighters

A lot of towns have firefighters. These are people who have (1) _____ how to save people and buildings when there is a fire.

They usually wear a (2) _____ with a helmet, special gloves and strong boots. They always have a torch and (3) _____ they carry a phone (4) _____ they can call for help.

To prepare for (5) _____ job takes 1–4 years. During that time, they practise working in (6) _____ types of dangerous places.

Firefighters have to get ready to go to a fire. A good firefighter can put on their uniform in under a minute. That's fast, (7) _____ it?

One of the firefighters (8) _____ the fire engine. This is not always red and you will find trucks around the world which (9) _____ different colours. It's important to choose a colour which people can see (10) _____ at night.



Example many ~~lot~~ few

2 Look at the choices for spaces 1–4. Answer the questions.

1 learn learning learnt Which word in the sentence helps you choose?

2 clothes uniform jackets Which word in the sentence helps you choose?

3 sometimes once never Why is this the best word?

4 while before so Is the text about **why** they carry a phone or **when**?

3 Look at spaces 5–10. Which word is correct? Why?

5 these those this 8 drives driving driven

6 all each every 9 aren't being are

7 isn't is wasn't 10 easy easier easily

Tip!

Remember, you don't need to think of the words. You choose one of three for each space.

mission in action!

1 Prepare for a job interview.



1

Find out what you need to study to do your chosen job.



2

Make a list of the skills and work experience you need.



3

Write interview questions.



4

Practise the job interview.

What did you study at university?

2 Describe the job and do the interview.

1 Describe the job and what skills you need.

I am a pilot. Pilots need to study maths and science.

2 Give the interviewer your list of skills and experience. Read.

You've worked as a pilot, haven't you?

Do you?

Yes, I have. I know how to use GPS and radar.

3 Did you get the job? Let the class decide!



» Go to page 124
Remember the grammar from Unit 6

Units 4–6

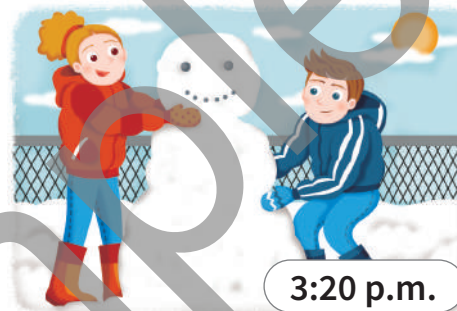
QUIZ



1 Watch the video and do the quiz.

2 Look at the pictures and answer the questions.

- 1 What's the weather like?
- 2 Where are the children in the first picture?
- 3 What's the girl doing?
- 4 What's the boy doing?
- 5 What time is it in the second picture?
- 6 How are the girl's clothes and the boy's clothes different?
- 7 What are the girl and the boy doing together?



3



6.14

Listen and find the mistakes.

4 Match the sentence halves. Then add a question tag and ask and answer with a partner.

1 e, 2 ...

- | | |
|-------------------------------------|---------------------------------|
| 1 Your dad | a a journalist. |
| 2 You were playing | b a snowman last winter. |
| 3 Your house is | c a meeting all day. |
| 4 When she's older, she wants to be | d pilot. |
| 5 Your mum's a | e prepares your lunch. |
| 6 Your parents are in | f season is autumn. |
| 7 School | g starts at 7 a.m. |
| 8 You can | h near the station. |
| 9 Your favourite | i snowboard very well. |
| 10 You didn't make | j volleyball all day yesterday. |

Your dad prepares your lunch, doesn't he?

No, he doesn't. I prepare it!

- 1 Read the replies to the teacher's question. Then cover the text and try to remember as many as you can.

School BLOG

Sign out

What will you do DIFFERENTLY this month?

- Betty
I'll read the news more.
- David
I'll learn to snowboard.
- Holly
I'll learn how to repair my own bike.
- Frank
I'll prepare lunch for my family! (At least once!)
- George
I'll go to the dentist.
- Oliver
I'll send more messages to my cousin who's at college in the USA.
- Richard
I'll prepare my school uniform before I go to bed each night!
- Sarah
I won't be late for school!
- Sophia
I won't get angry when my parents ask me to tidy my room!
- William
I'll make sure I help my parents more with their business.

- 2 Ask your classmates what they will change this month. Then write six sentences in your notebook.

I'll start playing tennis.

I'll make sure I do my homework on time.

My friend Jane will start playing tennis.