

Meet Diversicus**Track 0.02**

Diversicus is preparing to go on world tour. Today a film director is asking about life in the circus.

Film director: Action!

Jim: Hello, I'm Jim. I'm nine. I live in a circus called Diversicus. My dad, Mr Friendly, is the cook and my mum, Mrs Friendly, is the Musical Director. And now here's my best friend, Pablo.

Pablo: Hi, I'm Pablo. My parents work in the circus, too. My dad, Miguel, is our teacher and my mum, Lily, is an acrobat and a dancer. My Uncle Marc's an acrobat, too. He also drives one of the big circus lorries. I'm ten, a year older than Jim. I like drawing and computers.

Jenny: Hello, I'm Jenny. I'm Jim's twin sister. Jim likes science and computers, but I like sport and taking photos. We're going to travel round the world again this year, but we're going to go to different places. And now here's my best friend.

Su-Lin: Hi, I'm Su-Lin and I'm ten. My grandparents, Fred and May, are designers for the circus and my mum, Zoe, is a singer. I love travelling, so I'm really excited about our next world tour!

Jim, Jenny,

Pablo: And so are we!!

Film director: Wonderful! That's perfect! Thank you very much, everyone!

Track 0.03

1 Pablo: I like drawing and computers.

2 Jenny: We're going to travel round the world again this year, but we're going to go to different places.

3 Jim: My dad, Mr Friendly, is the cook and my mum, Mrs Friendly, is the Musical Director.

4 Jenny: Jim likes science and computers, but I like sport and taking photos.

5 Pablo: My dad, Miguel, is our teacher and my mum, Lily, is an acrobat and a dancer.

6 Jim: I live in a circus called Diversicus.

7 Su-Lin: I love travelling, so I'm really excited about our next world tour!

8 Jenny: I'm Jim's twin sister.

9 Jim: And now here's my best friend, Pablo.

10 Su-Lin: My grandparents, Fred and May, are designers for the circus and my mum, Zoe, is a singer.

Track 0.04

Diversicus, Diversicus,
We're harmony in a circus, us,
Where music, art and beauty don't stop,
Acrobats and dancers under one Big Top.

[Frame 1]

Ivan: What are you going to do today?

Rose: I'm going to show the people making the film around Diversicus. Can I bring them to your kitchen first, Ben?

Mr Friendly: Yes, OK.

[Frame 2]

Mr Friendly: In Diversicus, food is very important. All the acrobats work very hard and they need to eat correctly.

Ivan: Hello, I'm the circus strongman and I need to eat five big meals a day.

[Frame 3]

Pablo: I've got an idea. Why don't we make a video, too?

Jim: Yeah, it looks fun. Let's go and get your camera and tell the girls.

[Frame 4]

Jenny: Here's Ivan. He's the strongest man in the circus. He can lift a tractor.

Ivan: No, I can't, actually... I can pull a tractor with my teeth!

[Frame 5]

Jim: Here are May and Fred, the designers. May makes all the amazing costumes.

May: No, I don't. My husband and I make all the costumes together.

[Frame 6]

Fred: And my wife makes ... me a very happy man.

Su-Lin: Excellent, Grandpa! Now let's go and see the acrobats.

[Frame 7]

Jenny: And here are our amazing acrobats. Last year, Lily flew in the shows!

Lily: No, I didn't, actually. I jumped and Marc caught me.

[Frame 8]

Ivan: Here we have four of the most brilliant children in the world. You should use some of their film.

Pablo: Er, no, actually. You really shouldn't.

Track 0.05

- 1 Ivan's going to show the film people round Diversicus.
- 2 Ivan eats five big meals a day.
- 3 It's Jim's idea to make a video.
- 4 Ivan can pull a tractor with his teeth.
- 5 May makes all the costumes with her husband.
- 6 Fred's wife makes him a very funny man.
- 7 Lily caught Marc in the show last year.
- 8 Pablo wants the director to use some of their film.

1 This year's trip

Track 1.01

Diversicus is in Dubai. The children are in the classroom. They're talking to Miguel about this year's tour.

- Su-Lin: We left home on 28th September and it was cold and cloudy ...
- Pablo: Yeah! And a week later, we're in Dubai and it's really hot and sunny!
- Jenny: So, what's the date today? Is it 5th October?
- Jim: Shall I look at my tablet? ... Yeah, that's right.
- Su-Lin: So where are we going this year, Miguel?
- Miguel: Well, we're here until 31st October, but we're not going to tell you all the countries. It's a surprise!
- Miguel: But I can tell you that we're going to arrive in our second country on 4th November.
- Su-Lin: And I think we're going to go to Brazil in December, the last month of the year. Is that right?
- Pablo: And is it South Korea in April, Dad?
- Miguel: You can all guess if you like, but ...!
- Jim: We don't have to guess the ninth month. That's June, the end of the tour and we're going to be home again.
- Su-Lin: Yeah, but we're going to do lots of brilliant things between now and June.
- Pablo: And the adventure starts today!

Track 1.02

Twelve months in the year,
 Twelve months in the year,
 January, February, March,
 April, May, June,
 July, August, September,
 October, November, December.

Twelve months in the year,
 Twelve months in the year.

Track 1.03

Diversicus, Diversicus,
 We're harmony in a circus, us,
 Where music, art and beauty don't stop,
 Acrobats and dancers under one Big Top.

[Frame 1]

- Rose: What are you going to do today?
- Jenny: I think we may go skiing
- Ivan: That might be difficult because there isn't any snow in Dubai. There's only sand.

[Frame 2]

- Rose: Actually, Ivan, Dubai's got an excellent ski centre.
- Ivan: What? On the sand?
- Jenny: No, don't worry, Ivan. It's inside!

[Frame 3]

- Jim: I don't know what to pack in my rucksack.
- Pablo: You may need your sunglasses because the snow might be bright.
- Mrs Friendly: Ivan, would you like to come with us?

[Frame 4]

- Ivan: I don't know. I might not enjoy it.
- Jim: I'm worried too. I don't know how to ski. But it might be fun – we can all go together.

[Frame 5]

- Ivan: These trousers look OK. What do you think?
- Mr Friendly: Ivan, I think you might need some bigger ones!
- Man: I may have a larger pair on the shelf.

[Frame 6]

- Man: I've got a larger jacket here. It's our biggest one. This might be better.
- Ivan: Yes, I think so. That looks better!

[Frame 7]

- Narrator: Later, on the slopes ...
- Su-Lin: OK. Let's try again. Are you ready?
- Jim: Let's all go together.
- Ivan: No, I'm OK. I think I might go by myself this time.

[Frame 8]

- Mr Friendly: Who's that? Oh dear, I think it might be Ivan.
- Ivan: I'm coming through. It's only me!
- Jenny: Yes, Dad. It's Ivan.

Track 1.04

- a Mr Friendly: I think it might be Ivan.
- b Ivan: There isn't any snow in Dubai.
- c Jim: I don't know what to pack in my rucksack.
- d Man: This might be better
- e Jim: Let's all go together.
- f Rose: Dubai's got an excellent ski centre.
- g Jim: But it might be fun – we can all go together.
- h Man: I may have a larger pair on the shelf.

Track 1.05

It might be hot.
You may need a pair of strong boots.

Track 1.06

We're all going on a journey.
We're all going on a journey. (x2)

We're in the car on the motorway,
Giving Frank a lift to the station. (x2)

Chorus

I see a taxi on the road and there's lots of traffic.
I see an ambulance and a bicycle. (x2)

Chorus

There's my train at the railway station.
There are passengers on the platform. (x2)

Chorus (x2)

Track 1.08

- 1 a-m-b-u-l-a-n-c-e
- 2 p-a-s-s-e-n-g-e-r
- 3 t-a-x-i
- 4 p-l-a-t-f-o-r-m
- 5 r-a-i-l-w-a-y
- 6 l-i-f-t
- 7 j-o-u-r-n-e-y
- 8 t-r-a-f-f-i-c
- 9 b-i-c-y-c-l-e
- 10 m-o-t-o-r-w-a-y

Track 1.09

Teacher: Good morning. Today we're going to talk about something that I think everyone will be interested in. First, a question: What's the name of the biggest shopping centre in the world? Can anyone give me an answer?

Girl 1: Is it somewhere in Dubai?

Teacher: Yes, it is. Can anyone tell me the name, please?

Boy 1: Er, is it the Dubai Mall?

Teacher: That's right. At the moment the Dubai Mall is the biggest shopping centre in the World. There's nowhere bigger for shopping.

Girl 2: Until someone builds a bigger one!

Teacher: Haha, that's right.

Track 1.10

everywhere ... everything ... everyone
somewhere ... something ... someone
anywhere ... anything ... anyone
nowhere ... nothing ... no-one

Track 1.11

Why are there deserts in some countries and rainforests in other countries?

It's always very cold at the North Pole and South Pole, even in summer. Why isn't it very cold all year where you live?

Different places have different climates. Climate describes the usual weather of a place over many years and it influences the plants and animals that we find there. There are three main climate zones: polar, temperate and tropical.

Polar climates are cold all year and there is always snow and ice. In winter the temperatures can be as low as -50°C and it's dark all the time. In summer there is sun nearly all day, but it's very weak, so it's still cold.

Temperate climates usually have winters that aren't very cold and summers that aren't very hot. Countries in the temperate climate zone have four seasons: winter, spring, summer and autumn.

Tropical climates are hot and humid all year. Countries near the equator are in the tropical climate zone. They don't have four seasons: they only have rainy and dry seasons.

Track 1.12

A desert is a place with little or no rain. They can be cold, like Antarctica, but many of them are hot, like the Arabian Desert. During the day here, temperatures are over 40°C, but at night, it's very cold and temperatures can fall below 0°C.

In the past, most people who lived in the desert were nomads. Nomads don't have a permanent home. They travel across the desert and they have large tents which keep them cool during the day and warm at night. Traditional clothes use light colours because they're cooler than dark colours. They're also long to protect people's arms and legs from the sun and the sand.

Now, there are cities in the deserts because there are more ways of keeping cool. Dubai, in the United Arab Emirates, is a modern, exciting city in the Arabian Desert. The temperature in August is over 45°C. How do people keep cool there? There are artificial islands, and also beaches, but when it gets too hot to be outside, people stay at home or go to the air-conditioned shopping centres.

Fun fact!

The tallest building in the world, Burj Khalifa, is in Dubai. It's 828 metres tall and it contains flats, a hotel, a gym, offices and shops.

Track 1.13

The Lion of the Seas

Name: Ahmad Ibn Majid.
Occupation: Sailor, writer and poet.
Year of birth: Around 1430.
Place of birth: Julfar.
Year of death: Around 1500.

Julfar today

Today Julfar is called Ras Al Khaimah. Ras Al Khaimah is nearly two hours' journey by motorway from Dubai. When Ahmad Ibn Majid was a boy, it was an important port.

Early life

Ahmad Ibn Majid was the son of a famous sailor and he loved the sea. He liked watching the boats coming and going and he enjoyed talking to anyone who arrived by sea. He wanted to be a sailor, too. His father taught him the art of navigation. Ahmad Ibn Majid was very brave and confident. When he was 17, he could navigate a ship by himself.

Ahmad Ibn Majid: The sailor.

He studied the stars carefully and their position helped him to navigate ships. Other sailors called him 'The Shooting Star'. Soon he could sail from Julfar to East Africa, India and to many other distant locations. He understood about winds and tides, and the effect of the moon on the tides, and he could navigate through the roughest seas.

Ahmad Ibn Majid: The writer.

The sea, however, was not his only interest. He liked writing, too. He wrote 40 books about the sea, the stars and sea routes. He also wrote poetry. Soon he was famous and everyone talked about him.

Ahmad Ibn Majid and Vasco da Gama.

Vasco da Gama, the famous Portuguese explorer, wanted to sail from Portugal to India, but no-one knew the sea route from Europe to India at that time.

Vasco da Gama asked Ahmad Ibn Majid to help him. With his help, Vasco da Gama found the Cape of Good Hope in South Africa, sailed across the Indian Ocean and reached India.

Why we remember him.

Hundreds of years after he died, we still remember Ahmad Ibn Majid and his navigational skills. He's called 'The Lion of the Seas'. His books are in the National Library in Paris.

2 Our beautiful planet**Track 2.01**

Diversicus is in Sydney in Australia. The children are having a geography lesson.

- Miguel: Here we can study the Pacific Ocean, with its wonderful sea life, the rainforests ...
- Su-Lin: ... and in the middle of Australia there are huge deserts where the land is very dry.
- Miguel: Yes, and we're going to visit the desert when we go on a trip for a week, next Friday!
- Jim: Are we going to stay in a hotel?
- Miguel: No, ... on the first day, we're going to camp in the woods near the beach.
- Jenny: Great! Next to the Pacific Ocean! And can we make a fire?
- Miguel: No, sorry – it's a national park.
- Jim: Yes and it might start a forest fire.
- Pablo: But hey, there may be some interesting caves with rivers.
- Jim: What? Rivers? In a cave?
- Miguel: Well, they're very small. They're streams. Anyway, on the third day we're going to travel to Uluru, an enormous rock in the Great Sandy Desert.
- Su-Lin: It's very special to the people there.
- Miguel: That's right. And we're going to camp near it.
- Jim: In a desert? But what about stones on the ground? And are there wild animals?
- Miguel: Well, we need to be careful with snakes and spiders ... but they won't eat you!

Track 2.02

Environment, environment,
Hills, land, ocean, stream,
Desert, stone and caves,

Hills, land, ocean, stream,
Woods, fire and air.

Track 2.03

Diversicus, Diversicus,
We're harmony in a circus, us,
Where music, art and beauty don't stop,
Acrobats and dancers under one Big Top.

[Frame 1]

Mrs Friendly: You came back two days ago and we don't know anything about your trip.

Mr Friendly: Yeah. When are you going to tell us about it?

Jenny: Er, now.

[Frame 2]

Jenny: We left here after school last Friday and we got to the beach at eight o'clock in the evening.

Jim: Yes, it took five and a half hours.

[Frame 3]

Jenny: Jim forgot his pyjamas, so we had to look for somewhere which sold them.

Jim: Yeah, that wasn't the problem. Su-Lin found out there was a post office in town.

[Frame 4]

Jim: She bought stamps and postcards and then she began to write them!

Jenny: We let her, but she spent an hour writing them before she sent them!

[Frame 5]

Jim: It was dark when we began to put up the tents.

Jenny: I was inside my tent. Suddenly, I heard a noise outside, but I didn't go and tell Miguel. I explored by myself.

[Frame 6]

Jenny: A kangaroo appeared behind a tree and I ran away from it.

Jim: Pablo was outside, too. Jenny ran into him. They fell over and the tent came down.

Mr Friendly: Were you OK?

[Frame 7]

Jenny: Well, we didn't break anything. We only cut our knees and elbows.

Jim: Miguel repaired the tent, but he wasn't pleased with them.

Mr Friendly: No, I'm not surprised.

[Frame 8]

Jenny: The next day Pablo and I lost a day. We stayed on the beach and Jim looked after us.

Jim: Yes, but the other days were great. We saw lots of amazing animals ... and some lovely kangaroos.

Track 2.04

1 Mrs Friendly: We don't know anything about ...

2 Jenny: We got to the beach at eight o'clock in ...

3 Jim: Su-Lin found out there was a post office ...

4 Jim: She bought stamps and postcards and then she began to ...

5 Jenny: I explored ...

6 Jim: They fell over and the tent ...

7 Jenny: We only cut our knees ...

8 Jim: Yes, but the other days ...

Track 2.05

We got here a week ago.

We didn't visit Uluru.

Did you go away last month?

Track 2.06

That was a dinosaur,

But it's now extinct.

All there is on this dry land

Are its huge footprints.

Butterflies and beetles,

Eagles in the air,

Camels in the desert –

Creatures everywhere!

I'm a special tortoise

With black swans in the stream.

Look after our environment.

Don't let us be extinct!

Chorus

I'm just an octopus

Living in the sea.

Keep the ocean clean,

Don't let us be extinct!

Chorus

Track 2.08

Teacher: Good morning, everyone. Now, today's science class is about the environment. What do you think our most important problems are?

Boy: I think there's too much plastic.

Girl 1: And there are too many cars, so the air isn't clean enough.

Teacher: Yes, you're both right. Plastic and cars are big problems. What else?

Girl 2: In some countries there isn't much rain, so there isn't enough water. The land is too dry to grow food.

Boy 2: And people are cutting down woods and forests, so there aren't enough trees.

Girl 1: And the temperature of the Earth is getting too high!

Teacher: Yes, those are all huge problems. What do you think we can do to look after our environment better?

Track 2.09

There's too much plastic.

There are too many cars.

The land is too dry.

There isn't enough water.

'Look at this,' said our guide, 'look up there, look at that!
Here's one like a hill! There's one like a hat!
Over time these things formed from the water that fell.
Do you like them? They've all got some stories to tell.'
We had a good time in these interesting caves
Until Dad said, 'My glasses! My gla- ... Mr Graves!
We looked for them here and we looked for them there
And Dad said, 'But when did I lose them? And where?'
But the torch on my helmet helped me to see,
So I looked in the dark that was all around me
And I said to my dad, 'They're on top of your head!
He put them back on and his face was bright red.

Track 2.13

Girl: Mr Park, did you go on last year's school trip?
Mr Park: Yes, I did. It wasn't my class, but it was for three days and I went to help.
Girl: Did you go to Ocean and Desert World?
Mr Park: That's right. The children chose that part of the trip, so we went there on our first day. There are all kinds of fish and wild animals there.
Girl: Who went on the trip?
Mr Park: Well, there were 15 students in the group, from Class 6.
Girl: So you helped, but who was their class teacher?
Mr Park: Mr Taylor.
Girl: How do you spell his surname?

Mr Park: It's T-A-Y-L-O-R. He studied oceans at university.
Girl: Can you feed the animals at Ocean and Desert World?
Mr Park: Yes, but not all the animals every day. For example, we wanted to feed the crocodiles, but it was ten o'clock on the day we went and we were too late. But we gave food to the sharks later that day. And that was really exciting!
Girl: Did everyone have to write a postcard?
Mr Park: No, they didn't, but there was some homework. It was a diary ... with a prize for the most interesting photo.
Girl: What did you do on the last day?
Mr Park: Now, was that the lake? No! It was the amazing cave. It was huge. We all wore torches on our heads!

Track 2.14

1
Girl: That's Dan who's wearing the hat! What's his surname?
Boy: It's Jones.
Girl: How do you spell that?
Boy: That's easy – it's J-O-N-E-S.
2
Girl: Is that Alice?
Boy: Yes, Alice Quinton. She was on the Class 6 trip last year.
Girl: How do you spell her surname?
Boy: Erm, Q-U-I-N-T-O-N.
3
Boy: Did Lily Stuart go on the trip? I can't see her in this photo.
Girl: Yes, there she is.
Boy: Ah yes. There are different ways of spelling 'Stuart', I think.
Girl: Yes, but her family spell it S-T-U-A-R-T.

3 Let's celebrate!

Track 3.01

Diversicus is in Brazil. This morning, Ivan and the children are on the beach.

- Su-Lin: Come on, Jim! Let's finish our sports quiz.
- Jim: OK. If we hurry, we can play chess when we finish the quiz. Where were the 2016 Olympic Games?
- Su-Lin: That's easy – right here, in Brazil!
- Jim: That's right! OK, ... now... beach volleyball. Which men's team won here in 2016?
- Su-Lin: Brazil. And they built a special stadium for it!
- Jim: Correct. OK, the last question is about cycling: which country were the winners in the women's cycling road race?
- Su-Lin: Er, wait a minute. Let me look on my tablet. ... Was it the Netherlands?
- Jim: Yes, it was! Hey, well done! ... Finished! What should we do now?
- Su-Lin: I've got a puzzle book here. Shall we do a puzzle?
- Jim: Hmm, what about chess instead? I've got my travel chess set.
- Su-Lin: Oh, great idea! I love chess. I won a prize at school!
- Pablo: Well done, Jenny! We're going to win this match! What's the score, Ivan?
- Ivan: Our team's winning, 20–16. We need one more point!

Track 3.02

volleyball, match, winner, prize, puzzle, quiz, chess, race, team
volleyball, match, winner, prize, puzzle, quiz, score and stadium

Track 3.03

- 1 The children are in the woods.
- 2 Su-Lin and Jim are writing a quiz about the environment.
- 3 They built a special stadium for beach volleyball in Brazil.
- 4 Jim wants to play chess.
- 5 Su-Lin's got a puzzle book with her.
- 6 Jim's got a badminton set with him.
- 7 Jim won a prize for chess.
- 8 The score is 20–60.
- 9 Jenny, Pablo and Ivan are winning the match.
- 10 Jenny, Pablo and Ivan need 20 points.

Track 3.04

Diversicus, Diversicus,
We're harmony in a circus, us,
Where music, art and beauty don't stop,
Acrobats and dancers under one Big Top.

[Frame 1]

- Jenny: We've won our match!
- Su-Lin: Excellent! Well done!
- Pablo: How's your game of chess going?

[Frame 2]

- Su-Lin: I've taken Jim's queen, but we haven't finished.
- Jim: Oh dear. She can take my king now. I've lost the game. Where's Ivan?
- Jenny: He's gone to get the volleyball.

[Frame 3]

- Pablo: Look what Ivan's done!
- Su-Lin: He's lifted the ice cream cart!
- Jenny: Yes, but he's got the ball.

[Frame 4]

- Jim: How many ice creams have you bought?
- Ivan: I've bought four for you and they've made this 'little' one for me.
- Jenny: How many balls of ice cream have they put in that? It's huge!

[Frame 5]

Jenny: Tell us, Ivan. What other strange things have you lifted?

Ivan: I've lifted a sofa with four people on it!

Pablo: But you've done stranger things than that ...

[Frame 6]

Jim: What else has he done?

Pablo: He's carried huge rocks, he's pushed little cars and he's pulled a plane!

Su-Lin: Yes, I've seen a photo of that.

[Frame 7]

Su-Lin: I've heard it's Rio Carnival next weekend. Is that right?

Jim: Yes – the biggest street party in the world! Has anyone decided which costume to wear?

Ivan: Yes, I have. I'm going to be a king – the king of the castle!

[Frame 8]

Su-Lin: Well, King Ivan, have you ever lifted a castle?

Ivan: Don't be silly. Of course I haven't. No-one can lift a castle.

Jim: Well, I can – look!

Track 3.05

a Jim: How many ice creams have you bought?

b Jenny: We've won our match.

c Su-Lin: Have you ever lifted a castle?

d Pablo: He's pulled a plane!

e Su-Lin: I've taken Jim's queen, but we haven't finished.

f Pablo: You've done stranger things than that.

g Su-Lin: He's lifted the ice cream cart!

h Jim: Has anyone decided which costume to wear?

Track 3.06

Have you ever eaten black beans?

Have you ever danced samba?

Track 3.07

At the festival,

Musicians who rock

Join in the music –

Hip-hop or pop!

At the festival!

At the concert

Wave your flags!

Play your instruments!

Don't be sad!

At the concert!

Whistle a tune!

Hit the drums!

Let's meet on stage

With our mums!

At the concert!

Lily can swing

To Mum's violin.

Zoe can sing

With Su-Lin.

Chorus (x3)

Track 3.09

1 v-i-o-l-i-n

2 m-u-s-i-c-i-a-n

3 f-e-s-t-i-v-a-l

4 t-u-n-e

5 f-l-a-g

6 d-r-u-m

7 w-h-i-s-t-l-e

8 s-t-a-g-e

9 c-o-n-c-e-r-t

10 i-n-s-t-r-u-m-e-n-t

11 p-o-p

12 r-o-c-k

Track 3.10

The children are looking at a board which shows the Diversicus tours.

Jim: Where would you like to go, Su-Lin?

Su-Lin: I'd love to go to Egypt. I haven't seen the pyramids yet. We can take lots of great photos and videos there.

Jenny: I've already taken more than 100 photos on this tour.

Pablo: Wow! I've already shot six hours of video.

Jim: Where do you think we're going to go next?

Su-Lin: Well, if we look at the board, we can see where we've been. That may help us to guess.

Pablo: Yeah. On this tour, we've already been to Dubai and Australia, and we've just finished in Brazil.

Jenny: Do you think we might go to China next, Jim?

Jim: No, I don't think so. We've already been there. I'd like to go to a different country in Asia. I want to see some amazing robots.

Su-Lin: Well, we might go back to Asia or we might go to another country in South America instead. Chile or Peru, perhaps?

Jenny: Hmm, perhaps, or we might go to Argentina. We haven't been there yet.

Pablo: Yeah, we don't know where we're going and no-one's going to tell us. It's a secret!

Track 3.11

Jenny: I've already taken more than 100 photos.

Su-Lin: I haven't seen the pyramids yet.

Pablo: We've just finished in Brazil.

Track 3.12

1 [sound of violin]

2 [sound of piano]

3 [sound of guitar]

4 [sound of a single drum]

Track 3.13

The guitar is one of the most popular musical instruments in the world. Many different cultures have played instruments like the guitar for over 3,000 years. The oldest instrument that we can see today comes from Ancient Egypt. You can see this guitar in a museum in Cairo. It belonged to a singer who sang for the Egyptian queen Hatshepsut. This type of guitar had a long neck and only three strings.

The lute is also an ancient instrument similar to a guitar, but it has a short neck and a body like half a pear. It usually had more strings than a guitar and they were in pairs. From 1100–1500, travelling singers and story tellers played the lute to accompany their songs.

Guitars sometimes had pairs of strings like the lute, but the guitar changed over time to use single strings. People used guitars with six single strings for the first time in the 1600s in Italy, but the most important change happened in the 1850s. The Spanish guitar maker Antonio Torres Jurado made the guitar's body bigger. His idea made the sound of the guitar louder and better. Most of today's classical guitars follow his design.

The first electric guitars appeared in the 1930s. The electric guitar has a solid body and can make many different sounds. We also find them in many different shapes and sizes. Some electric guitars don't look like guitars at all!

Track 3.14

Liliana: Carnival in Brazil is one of the biggest parties in the world. The dates change every year, but it's usually in February or March. Carnival is everywhere in Brazil, but the biggest party is in Rio de Janeiro. Millions of people come here for that.

There's music everywhere, especially in the city streets. There

are parades with amazing floats where the dancers wear fantastic costumes. The streets are full of people dancing to Samba music. Samba's a kind of music that came to Brazil from Africa. It's great dance music! We play it on guitars and small Brazilian drums called tamborims. My dad plays a tamborim in a Samba band. And this is his Samba band!

Track 3.15

The local football hero

Rebeca: My name is Rebeca and I'm 11. I'm from beautiful Brazil! But my family live in a poor area, and life isn't easy. My parents work hard so my brother and I can go to school, and we always come straight home after school to help with the housework. But I have a passion ... football! And I want to tell you how football has changed my life.

My dad wanted my big brother to be a professional football player, but he didn't like training. I loved football and when I played I felt happy and I forgot about everything around me. My mum said, 'Football isn't for girls'. The boys at school didn't want to play with a girl either, but when they saw I was good, they picked me for their team.

One day a teacher told me about a football team just for girls. They were amazing. They told me that they were preparing for a competition in March. I really wanted to be part of the team and I decided to try my hardest.

When I told my dad and brother, they were very happy. My mum still didn't like the idea. 'It isn't going to be easy for you because

football is a boy's sport,' she said. But she said nothing after that, and my dad and brother trained with me every day for six months. Finally, in February the coach told us which players were in the team for the competition. When I heard my name, I jumped in the air and I screamed with excitement.

Our team travelled to Rio de Janeiro in March and we won the competition – it was amazing! Since then we've won a lot more matches, but more importantly, I've made lots of new friends and I've become more confident about myself.

When I get older, I want to be a professional football player. Lots of my football idols have learnt English. For me, it's important to speak English just like them and study hard so I can travel round the world and talk to people from different countries. That's now my biggest dream in life.

Track 3.16

Aunt Helen: It's a lovely instrument. And it makes a really loud sound when you hit it!

Track 3.17

Narrator: Where was Aunt Helen when she got each of these things?

Boy: You've got some interesting things, Aunt Helen! You wrote your name in this puzzle book when you were quite young. Where did you get it?

Aunt Helen: Well, I was on holiday with my parents. We were at the beach during the day, but one evening we went to the theatre. I had to go on stage and help the actors. It was scary, but I loved it and they gave me the puzzle book at the end.

Boy: And where did you first see this drum?

Aunt Helen: Oh, Uncle Michael and I went to Kenya about ten years ago and I bought it in the shop at the hotel. It's a lovely instrument. And it makes a really loud sound when you hit it!

Boy: Can I try it later?

Aunt Helen: Yes, sure!

Boy: Have you got any other instruments?

Aunt Helen: Ah yes, come and look at this violin. My dad, your grandpa, loves football and one day we went to a match with his friend. He's a rock musician and he usually plays the guitar, but he played the violin when he was younger. He took it to the stadium and gave it to me!

Boy: So you kept it?

Aunt Helen: Yes! I love it, but I don't know how to play it. It's too difficult!

Review Units 1-3**Track 3.18**

Katy: Hi, George! Do you like my new phone? I've just bought it with my birthday money.

George: It's great! So when was your birthday, Katy?

Katy: It was last month, on 14th April. And guess what? My uncle's a musician, so I went to a music festival with him. It was amazing. I've never seen so many people in one field! Now, I want to put some birthdays on the planner on my phone. Yours is next month, isn't it? Is it the 30th?

George: Yes, that's right. 30th June.

Katy: Right. OK. I've put that on the planner. And was it the same day as the school concert last year?

George: Hmm, yes it was. And I didn't enjoy the evening! I had to go on the stage and play my violin.

Katy: But you played really well!

George: Thanks, but this year, I'd like to go camping instead!

Katy: Emma did that for her birthday last year, but it was really cold!

George: Why? When's her birthday?

Katy: In October ... the, erm ... twenty ... fifth? Yes, 25th of October. She and her family were in the mountains and it was cold ... so she might do something different this year.

George: Like Michael in our class! He did something very different for his last birthday!

Katy: What was that?

George: He had a volleyball match ... and he fell over and broke his arm ... so he was in hospital on his birthday.

Katy: Oh no! What a terrible birthday!

George: Yes! Put it in your planner – it's 5th March.

Katy: OK ... 5th March ... Michael. OK! I've got it!

4 Time of our lives

Track 4.01

Diversicus has just arrived in Colombia. It's time to prepare lunch, but there's a problem ...

- Rose: OK, everyone. We need to tidy everything and put the tent up.
- Zoe: And are we going to have a costume practice in the morning?
- Rose: Yes, we have to make sure we're ready for the show tomorrow night.
- Fred: The costumes! We need to repair them before tomorrow morning.
- Lily: Ivan! Please can you look after Su-Lin and Pablo?
- Ivan: Yeah, no problem. Come on, kids.
- Miguel: Please can you take them somewhere where they can study quietly? They've got an exam tomorrow.
- Pablo: Oh, Dad! We've only just got here, ... And isn't it lunchtime soon?
- Ivan: Oh yes! I'm getting hungry! Come on, kids. Only an hour till lunch.
- Rose: Oh no! Lunch! Miguel! The Friendly family haven't come yet. We need to prepare lunch! Where are they? Please can you send them a message?
- Rose: And then Marc, please can you go and meet them?
- Marc: No problem. I can go and fetch them ... when we know where they are.
- Rose: Oh dear. I hope they haven't had any problems.

Track 4.02

Make sure we're ready.

Tidy the boxes.

Prepare lunch.

Repair the costumes.

Meet the Friendly Family.

Fetch the Friendly family.

Send a message.

Look after the kids.

What's next? What's next?

Track 4.03

- 1 Rose: Please can you send them a message?
- 2 Pablo: We've only just got here.
- 3 Marc: I can go and fetch them.
- 4 Rose: We have to make sure we're ready for the show tomorrow night.
- 5 Ivan: Only an hour till lunch.
- 6 Lily: Please can you look after Su-Lin and Pablo?
- 7 Miguel: Please can you take them somewhere where they can study quietly?
- 8 Rose: We need to tidy everything and put the tent up.
- 9 Fred: We need to repair them before tomorrow morning.
- 10 Rose: Please can you go and meet them?

Track 4.04

Diversicus, Diversicus,
We're harmony in a circus, us,
Where music, art and beauty don't stop,
Acrobats and dancers under one Big Top.

[Frame 1]

- Rose: Hello! Where have you been?
- Mr Friendly: It's a long story
- Mrs Friendly: You know why we're late, Ben. And now you can explain everything!

[Frame 2]

Mr Friendly: I'm sorry lunch is a little late today, but we were driving along the road when we had a problem.

Jim: The road? We were driving along a path in the jungle, Dad!

[Frame 3]

Pablo: Why did you get here late? What were you doing?

Jenny: We had lots of time. We were travelling happily down the motorway when Dad saw a path to the jungle.

[Frame 4]

Mrs Friendly: Ben thought we had enough time to drive through the jungle.

Mr Friendly: We did! We were early! But while we were driving along the path, we hit a hole ... and then ... the tyre burst.

[Frame 5]

Rose: Were you driving fast, Ben?

Mrs Friendly: No, he wasn't. He was driving slowly and carefully.

Mr Friendly: We were lucky we weren't going too fast.

[Frame 6]

Jim: Dad was repairing the tyre when a bus arrived. In the middle of the jungle!

Jenny: The bus was amazing. I've never seen anything like it before.

[Frame 7]

Jenny: While we were travelling, everyone was singing ...

Jim: ... and Mum was playing her violin.

Pablo: And we were studying for an exam!

[Frame 8]

Rose: Marc, fetch a new tyre and go with Ben to get their home from the jungle, please.

Mr Friendly: Thanks, Rose.

Mrs Friendly: Jim, Jenny – now it's your turn to study for the exam.

Track 4.05

1 Rose: Where have ... ?

2 Mr Friendly: We were driving along the road when we had ...

3 Jenny: We were travelling happily down the motorway when Dad saw a path to ...

4 Mr Friendly: But while we were driving along the path, we hit ...

5 Mrs Friendly: He was driving slowly ...

6 Jim: Dad was repairing the tyre when a ...

7 Jenny: While we were travelling, everyone ...

8 Mrs Friendly: Jim, Jenny – now it's your turn to study for ...

Track 4.06

While I was cleaning my bike, my sister was watching TV.

I was getting hot when Mum came out.

Track 4.07

We were waiting for the bus

At five past two.

We were waiting for the bus

At ten past two.

The bus didn't come,

The bus didn't come.

We were waiting for the bus

At quarter past two.

We were waiting for the bus

At twenty past two.

Chorus

We were waiting for the bus

At twenty-five past two.

We were waiting for the bus

At twenty-five to three.

Chorus

We were waiting for the bus

At twenty to three.

We were waiting for the bus

At quarter to three.

Chorus

We were waiting for the bus
At ten to three.

We were waiting for the bus
At five to three.

Chorus

We arrived at the bus stop late.
We arrived at five past two.
We arrived at the bus stop late.
The bus left at two.

Track 4.09

Mum: Hello, Helen?
Helen: Hi, Mum. We're waiting for the bus, but it still hasn't come.
Mum: How long have you been at the bus stop?
Helen: Erm, it's twenty past four now, so we've been here for ... 15 minutes. A quarter of an hour!
Mum: OK, so you've been there since five past four.
Helen: Yes, and the bus is usually here at ten past four.
Mum: Hmm, perhaps they've had a problem. It might arrive soon.
Helen: Ooh, but I've got an exam tomorrow and I need to ...
Mum: OK, I've just finished work. I can give you a lift.
Helen: Oh, thanks, Mum! Ah ... it's OK. The bus has just arrived!
Mum: OK, see you soon.

Track 4.10

We've been here since five past four.
We've been here for a quarter of an hour.

Track 4.11

As Earth turns in space, the sun shines on only part of the planet. When it's day where you live, it's night

time on the other side of the world. This means that when you're eating your breakfast, other children are going to bed. It's a different time in their country because the world has different time zones.

A map of the world has lots of lines on it. Lines of latitude go around Earth. They show us the distance from the equator, the line that goes round the middle. Lines of longitude go up and down, dividing Earth like pieces of an orange.

The Greenwich Meridian is a very important line of longitude which passes through London in the UK. It traditionally sets the time for all the clocks around the world. The time on this line of longitude is Greenwich Mean Time (GMT). If you live to the east of the Greenwich Meridian, it's later than in London. If you live to the west, it's earlier. Large countries like the USA have three or more time zones, but most countries have one, so the time is the same everywhere in that country. Before you phone a friend, check what time it is in their country. You might call them at three in the morning and no-one wants to talk then!

Track 4.12

Ken: My name's Ken and I'm from Australia. New Year's Eve happens in the summer here and it's very hot. Families often have their parties on the beach. We celebrate with amazing fireworks on the Sydney Harbour Bridge. At 12 o'clock we make a lot of noise with drums and trumpets and everyone sings and dances. It's a lot of fun! What do you do in Colombia, Maria?

Maria: We usually celebrate New Year with our family and friends at home. The most important tradition is to eat 12 grapes – one for each month of the year! If you finish the grapes at the same time as the clock, you have good luck in the new year. We also eat sweet bread on New Year's Day. There's a coin inside the bread and the person who finds the money will be lucky too. How do

Dom: you celebrate in Greece, Dom?
We put a coin in sweet bread too!
Families also put an onion on the door of the house for good luck.
On New Year's Eve we have a big meal. We always put an extra plate on the table. In the morning on 1st January, the children go from house to house singing songs. If the people like the song, they give you some money or sweets.

Track 4.13

The legend of Mother Mountain

Somewhere deep in the rainforests and mountains of Colombia there's a very special woman. You may never see her, but she's there all the same. She wears a dress made of leaves. She's got no shoes on her feet, and she has a ring of wild flowers on her head. Her name is Mother Mountain. Her job is to look after nature and the environment, and to make sure that no-one harms it. The animals of the rainforests and mountains love her. She's their friend, and they know that they're safe with her.

One day a man came to the forest to cut down some trees. As he was swinging his axe at a tree, Mother Mountain suddenly appeared from nowhere and caught his axe in her strong hands. The man turned and looked at her in amazement.

'Why have you come into the rainforest?' Mother Mountain asked.

'To cut wood to burn for our fires,' the man said.
'You can't cut down my trees,' Mother Mountain said.
Slowly her green eyes turned red as she said:
'The environment is important for you and me!

Go to sleep now. Then wake up and see!'

Immediately the man fell to the ground in a deep sleep. The tree moved in the wind. It seemed to be saying 'Thank you, Mother Mountain.'

A few minutes later, another man came into the forest. He didn't see the man asleep on the ground, but he saw a bear. As he was getting ready to catch it with a net, Mother Mountain suddenly appeared from nowhere and caught the net in her strong hands.

'Why have you come into the forest?' she asked.
'To get meat for my children to eat,' the man said
'You can't kill my animals,' Mother Mountain said.
Slowly her green eyes turned red and she said:

'The environment is important for you and me!
Go to sleep now. Then wake up and see!'

The man fell to the ground in a deep sleep. The bear touched Mother Mountain and made a soft noise. It seemed to be saying 'Thank you, Mother Mountain.'

The two men slept for several hours. Then they woke up from their deep sleep and they looked round. They didn't see Mother Mountain. She wasn't there. They only saw how beautiful the forest and its animals were. They walked home together, promising never to cut down a tree or hurt an animal ever again.

Track 4.14

Mum: You're late, Michael! We said five o'clock! Where were you? Were you taking the dog for a walk?

Michael: No, I was at the bookshop. Do you remember? My favourite football player was there – it was the only day I could meet him!

Mum: Oh yes, I remember! Did Charlie go with you?

Michael: No, I was sending him a message at quarter to five when he called me. He said he couldn't go.

Mum: Oh dear.

Track 4.15

Narrator: Where was Mum waiting for Michael?

Michael: I left school late because Mr March told us to tidy the playground. Can we still go to the cinema?

Mum: Well, only if there's a later time for the film ...

Michael: I can find out on my tablet. Yes! At eight o'clock.

Mum: OK, as it's Friday, but we need a bus back here to the bus station after the film. Let's look at the times.

5 Let it snow!**Track 5.01**

Diversicus is in Patagonia in the south of Argentina.
It's a cold, foggy day.

Jenny: Brrrr! I thought it was summer here
in February, but it isn't hot.

Jim: Hot! It isn't even warm. It's cold.

Su-Lin: With that blanket, Jim? It's cool, but it
isn't cold. And it is summer in Argentina,
but this is a polar region! We're a long
way south. It gets much colder here
in the winter. The temperature in June
and July is sometimes minus 20 and
there's ice all over the sea.

Pablo: Yeah, in this half of the world, the
seasons are different. When it's
summer in the south, it's winter in
the north, and when it's spring in the
south, it's autumn in the north.

Jim: So this is summer! I hope there isn't
going to be a storm ... I haven't
brought my umbrella!

Pablo: Look over there, Jim! I can see snow
on the mountains through the fog.

Su-Lin: There are usually fantastic views
here, but it's too foggy today.

Jenny: Hmm, so we haven't seen any
penguins yet.

Narrator: An hour later ...

Ivan: Look! The fog's gone. Now we can
see the King penguins! Hellooo,
penguins ... it's only me!

Track 5.02

Spring, summer,
Autumn, winter. (x2)
Summer's hot,
Sunny and warm.
Winter's cold,
With ice and storms.
Foggy, fog,
Stormy, storm,
Hot, cold, cool and warm.

Spring, summer,
Autumn, winter. (x2)
Summer's hot,
Sunny and warm.
Winter's cold,
With ice and storms.
Foggy, fog,
Stormy, storm,
Hot, cold, cool and warm.

Track 5.03

Diversicus, Diversicus,
We're harmony in a circus, us,
Where music, art and beauty don't stop,
Acrobats and dancers under one Big Top.

[Frame 1]

Jim: Miguel's given us a group project
to do about animals and their
environment in Patagonia.

Su-Lin: Different animals appear in different
seasons. You can't see all the
animals at the same time.

[Frame 2]

Jenny: I'll write about the penguins. I'll use
the photos which I took yesterday.

Pablo: And I'll make a video of the whales
and dolphins from the film which I
got yesterday.

[Frame 3]

Jim: You've both chosen the easiest ones!
I'll have to search for information
online.

Su-Lin: Actually, Jim, we can't. We haven't
got wifi here.

Jenny: So, how will you do it then?

[Frame 4]

Pablo: Books – do you remember what
they are, Jim? You'll have to use our
school books.

Su-Lin: No, we won't. I've got a better idea.

[Frame 5]

Su-Lin: There won't be much information here, so let's go to the End of the World Museum. There's an excellent library there.

Jim: Wow, what a brilliant name! I'm sure Ivan will want to come.

[Frame 6]

Ivan: So, we'll go to the museum and after that ... lunch!

Jim: We'll have a lovely day out.

Su-Lin: Let's ask Pablo and Jenny too.

[Frame 7]

Su-Lin: I'll collect information about the environment. What will you do, Jim?

Jim: I'll find out about sea birds, but I won't write about penguins, Jenny.

Pablo: And we'll help you, so you finish faster.

[Frame 8]

Jim: What a huge plate of seafood!

Su-Lin: We won't finish all of that!

Ivan: I will! I can eat more than a penguin!

Track 5.04

a Su-Lin: Let's ask Pablo and Jenny too.

b Jim: I'll have to search for information online.

c Pablo: And we'll help you, so you finish faster.

d Jenny: I'll write about the penguins.

e Su-Lin: Different animals appear in different seasons.

f Jim: I'm sure Ivan will want to come.

g Ivan: I can eat more than a penguin!

h Su-Lin: No, we won't. I've got a better idea.

Track 5.05

I'll water their garden.

We won't talk about football.

What time will you go?

Track 5.06

My friend's made a snowman.

I haven't got my gloves.

My hands are in my pockets.

I have to stand and watch.

He's skiing down the mountain.

She's riding on her sledge.

He's making lots of snowballs.

To throw them at his friend.

He's carrying his snowboard.

He's going to the top.

Snowboarding isn't easy –

I hope that she can stop.

The temperature has dropped a lot.

They've put their ice skates on.

They're skating very fast now.

They're on the icy pond.

Track 5.08

1 s-n-o-w-b-a-double l

2 s-l-e-d-g-e

3 s-n-o-w-b-o-a-r-d

4 p-o-c-k-e-t

5 p-o-n-d

6 s-k-double i-n-g

7 s-n-o-w-b-o-a-r-d-i-n-g

8 g-l-o-v-e

9 s-n-o-w-m-a-n

Track 5.09

George: Hi, Grandpa.

Grandpa: Hello, George. What's your skiing holiday like?

George: It's great, but the weather's really cold, so we have to wear warm clothes.

Grandpa: It's lucky you've all packed the woolly hats your grandma made for you.

- George: Yes! Today we couldn't go skiing because it was foggy, so we went ice skating.
- Grandpa: Ah, I see, lower down, on a lake, because there wasn't any fog there. How are your mum and dad?
- George: Well, ... Dad hates the low temperature, so he's worn his hat, scarf and gloves everywhere since we arrived. But Mum's having a great time!
- Grandpa: What are you going to do tomorrow?
- George: If the fog goes, we'll all go snowboarding.
- Grandpa: Ooh, snowboarding. That's a bit dangerous.
- George: Don't worry, Grandpa. We'll all wear helmets and gloves!
- Grandpa: OK. Look after yourselves ... and have fun!
- George: We will. Don't worry. Bye, Grandpa!

Track 5.10

The weather's really cold, so we have to wear warm clothes.

Today we couldn't go skiing because it was foggy.

Track 5.11

You know that the equator is an imaginary line that goes around Earth. It divides Earth into two hemispheres: the northern and southern hemispheres.

Earth's axis is another imaginary line. It passes through the centre of Earth between the North Pole and the South Pole.

You can see in the diagrams that Earth's axis isn't vertical. It tilts to one side. Earth travels around the sun in one year (365 days). As it travels, different places on Earth are closer to the sun. This is why there are different seasons.

Look at the picture of Earth in December. The North Pole tilts away from the sun. This means that the northern hemisphere will be colder in December.

The South Pole tilts towards the sun in December, so that's when the southern hemisphere is warmer. This is why it's winter in the northern hemisphere when it's summer in the southern hemisphere.

Find the equator in the diagrams. Why don't countries on the equator have the four seasons? They're at the centre of Earth, so they have the same amount of sunlight all year.

Track 5.12

- 1 We're near Cape Town, South Africa. It's December and we're at the beach!
- 2 I'm in Vienna, Austria. It's November and it's started to snow.
- 3 I'm in Tokyo, Japan. It's May and there are beautiful pink flowers on the trees.
- 4 We're near Santiago, Chile. It's July and we're skiing.

Track 5.13

Argentina is a very large country in South America. It's in the southern hemisphere, so winter begins in June and summer begins in December. However, it isn't cold in winter in all of Argentina because it has different climate zones.

Let's look at two examples. The north of Argentina is near the equator and it has a tropical climate. There are lots of rainforests and there are high temperatures all year, even in winter. The south of Argentina has a polar climate. It's close to Antarctica, so it's very cold all year – cold enough for penguins – because it's never near the sun.

In many countries we can say, 'I go skiing in winter and I love swimming in the sea in summer.' You can do those activities in Argentina, but in any season. Why? The Andes is the longest mountain range in the world and 4,000 kilometres of it is on the border between Chile and Argentina. Argentina also has almost 5,000 kilometres of coast from north to south. It's no problem to go skiing in summer and swim in the sea in winter. You only have to choose the correct place!

Track 5.14

Tomás and the Snowman

Tomás and Valentín were brothers. They lived in a small town in Patagonia in Argentina. Tomás was five and Valentín was nine so they often wanted to do different things.

One day in winter it snowed so much that the hill behind the boys' house became white. Tomás wanted to make a snowman, but Valentín wanted to go snowboarding.

'Will you help your brother make a snowman?' the boys' mum asked.

'Yes,' Valentín said, 'I'll help Tomás make a snowman.'

Tomás and Valentín made a snowman. They called it El Viejo, the old man. It had a scarf around its neck, stones for its eyes and mouth, a carrot for its nose and sticks for its arms.

'I like him,' Tomás said. 'I like him! Let's make a friend for him! I'll get some more sticks and stones from under the trees over there!' Tomás ran to the trees singing,

'Snowman, snowman, lovely, lovely snowman!'

Valentín kicked the snow and said to himself, 'I don't want to make another snowman. I want to go snowboarding.' But what could he do? Then he had an idea. 'I'll knock El Viejo down,' he thought, 'but I'll tell Tomás that the snowman has gone away. Then Tomás will want to go back home and play a different game. And I can go snowboarding!'

When Tomás came back he was surprised to find that El Viejo wasn't there.

'Where is he?' he said.

'Oh, he walked away down the hill,' Valentín answered. 'I don't know where he was going.'

Tomás started crying. 'No!' he said. 'He can't! El Viejo! Come back!' Before Valentín could stop him, Tomás ran back to the house shouting, 'Mummy! Daddy! El Viejo has gone!'

When Valentín got home, he found his brother sitting at the kitchen table. His mother and father looked at him in that special way, the one they used when they weren't pleased with him.

Valentín said, 'I'm sorry, Tomás,' and then he asked his brother to go back to the hill. 'We'll make another El Viejo,' he said, 'lots of them.'

'Can we?' Tomás asked. 'Can we, Valentín?'

And that was what the brothers did for the rest of the day. They filled the hillside with snowmen. Valentín was happy that his brother was excited and he thought to himself, 'Well, there's always tomorrow – I'll go snowboarding then.'

6 Working together

Track 6.01

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

- Jim: Look, Jenny. Mum's repairing the lights. She's an engineer.
- Jenny: Yes, all the mums are in the show this time! Pablo's mum's flying the plane. She's a pilot. And Su-Lin's mum's a businesswoman.
- Jim: Yeah. She's going to work in an office!
- Rose: Good morning, everyone. Fred, the new costumes look fantastic.
- Fred: But who's going to be a police officer? I've still got this uniform. Is it for you, Rose?
- Rose: No, no. I'm the circus manager. I'm not going to be in the show. I'm going to tell everyone what they have to do ... The uniform's for Marc.
- Jenny: No, Marc's a mechanic. Look! He's repairing the car.
- Rose: That's because there's a problem with it! But he's a police officer in the show.
- Jim: Hey, look at Ivan, the firefighter! He's carrying Dad out of the fire.
- Rose: Yes, your dad's helping in the show today. He's a dentist!
- Ivan: Coming through with Mr F. Only me!
- Mr Friendly: OK, Ivan. Thank you. You can put me down now if you don't mind!

Track 6.02

Businesswoman, businessman,
 Engineer, mechanic,
 Firefighter, uniform,
 Police officer.
 Businesswoman, businessman,
 Manager and pilot,
 Firefighter, uniform,
 Police officer.

Track 6.03

Diversicus, Diversicus,
 We're harmony in a circus, us,
 Where music, art and beauty don't stop,
 Acrobats and dancers under one Big Top.

[Frame 1]

- Miguel: So, we're in South Korea. What's it famous for?
- Jenny: They invented K-pop music, didn't they?
- Pablo: Yeah! And in South Korea, they use a lot of robots, don't they?

[Frame 2]

- Miguel: You're both right, but let's look at robots first.
- Jim: Jenny, Dad's got a robot in the kitchen, hasn't he?
- Jenny: Yes, but it doesn't look like a person.

[Frame 3]

- Su-Lin: Robots don't always look like people, do they?
- Miguel: No, they don't. Robots can be any shape or size.
- Pablo: At home, we've got one which cleans the floor. It hasn't got arms or legs.

[Frame 4]

- Pablo: They're designing robot teachers, aren't they, Dad?
- Miguel: Yes, they are, but they aren't ready yet. Now, this afternoon we're all going to see some robots!

[Frame 5]

- Narrator: Later ...
- Mrs Friendly: Look! That robot's playing the violin.
- Rose: Yes, but it can't play a tune as well as a real musician, can it?

[Frame 6]

- Pablo: That's the biggest robot in the world, isn't it?

Su-Lin: No, but it can lift cars. It's as strong as Ivan.

Ivan: Hmm. Oh, look over there.
[Frame 7]

Ivan: Look! This puppy can walk, can't it?

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

Jenny: You aren't going to get one, are you?
[Frame 8]

Su-Lin: You didn't buy a puppy, did you?

Ivan: Yes, I did. I couldn't leave him there, could I? Come on, Mr Barker! Walkies!

Track 6.04

1 Pablo: They're designing robot teachers, aren't they, Dad?

2 Su-Lin: It's as strong as Ivan.

3 Miguel: What's it famous for?

4 Rose: But it can't play a tune as well as a real musician, can it?

5 Ivan: I couldn't leave him there, could I?

6 Pablo: And in South Korea they use a lot of robots, don't they?

7 Miguel: This afternoon, we're all going to see some robots.

8 Jim: Dad's got a robot in the kitchen, hasn't he?

9 Pablo: That's the biggest robot in the world, isn't it?

10 Su-Lin: Robots don't always look like people, do they?

Track 6.05

You eat everything, don't you?
You can cycle, can't you?

Track 6.06

Firefighters in the fire station
Wearing uniforms on their fire engine.
Businessmen and businesswomen
Going to meetings in their offices.

World of work! (x4)

Police officers by the police station
Wearing uniforms in police cars.
Journalists in the street
Getting news for the newspapers.

World of work! (x3)

Engineers in factories
With robots making cars.

World of work! (x4)

Track 6.08

1 l-a-p-t-o-p
2 o-double f-i-c-e
3 b-u-s-i-n-e-double s-m-a-n
4 m-double e-t-i-n-g
5 f-i-r-e s-t-a-t-i-o-n
6 n-e-w-s
7 p-o-l-i-c-e s-t-a-t-i-o-n
8 f-a-c-t-o-r-y
9 n-e-w-s-p-a-p-e-r
10 f-i-r-e e-n-g-i-n-e

Track 6.09

Woman: Now, I want to ask you some questions.

Man: Do you? What kind of questions?

Woman: Well, first ... why did you go to the bank at quarter past ten last Friday morning?

Man: I didn't go to the bank on Friday morning.

Woman: Didn't you? The camera shows you standing near the office.

Man: No, that wasn't me.

Woman: Oh, so who was it?

Man: It was my twin brother.

Woman: Was it?

Man: Yes, he's a businessman. He had a meeting with the manager.

Woman: Did he? That's strange. I was having coffee with the bank manager at quarter past ten.

Man: Were you? ... Er, I can make a phone call, can't I?

Track 6.10

I didn't go to the bank on Friday morning.

Didn't you?

It was my twin brother.

Was it?

I was having coffee with the bank manager.

Were you?

Track 6.11

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?

Track 6.12

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.

Does anyone in your family have a smart card to travel around the city? It's a card that you use to pay for your journeys on buses and trains and it's also a South Korean invention. Have you ever seen an internet café? Again, it's a South Korean invention. You can see why South Korea is so important in the world of technology, can't you?

Track 6.13

Buddie and Seo-joon's adventure

Narrator: Scene 1
Somewhere in Seoul in the near future ...
Buddie is a humanoid robot. He's a teaching assistant in a primary school. It's his first week at school.

Buddie: Very good! Please repeat.

Kang-dae: He's weird, isn't he! You know like ... strange!

Yong-sun: And he isn't human, so he doesn't understand how we feel, does he? He doesn't know how bored we are. He's like a cold fish.

Narrator: Scene 2
One day after class Buddie speaks to Seo-joon.

Buddie:	Please help me. No-one in the class likes me. The school is going to send me back to the factory.	Narrator:	Scene 6
Seo-joon:	Don't worry, no-one likes me either! They think I'm unfriendly too. Hey! I can teach you about humans!	Principal:	Hey! Where are you going?
Buddie:	That's a great idea. Thank you! In return, I will help you with your homework.	Seo-joon:	Oh no! We're in big trouble now!
Seo-joon:	Will you? Really? Thanks! I'd love some help with my maths.	Principal:	In my office now! Both of you.
Narrator:	Scene 3	Narrator:	Scene 7
	The following Friday afternoon, Seo-joon gives Buddie some of his clothes and they secretly leave the school together.		In the principal's office.
Buddie:	Mm! I look cool in these!	Principal:	I'm sending you back to Teacherbot.com immediately.
Seo-joon:	Shh! Follow me. We don't want to attract the principal's attention, do we?	Seo-joon:	I'm sorry. It was my idea. It was wrong, but Buddie has helped me with my maths. I'm getting 'A's now. He's my friend!
Narrator:	Scene 4	Buddie:	And Seo-joon has helped me to understand what humans like and do. Now we are friends!
	In the evening, Seo-joon's parents meet Buddie.	Narrator:	Scene 8
Seo-joon:	This is Buddie. He's going to help me with maths. He's cool, isn't he?		A few weeks later in the classroom.
Dad:	Yes, very!	Myung-ok:	Wow! I never knew you were so good at maths. Could you help me with my homework this evening? We could play video games after that, if you like?
Mum:	How are you?	Seo-joon:	Sure! Thanks.
Buddie:	Fine, thank you. I am here to learn about humans ... er, help your son.	Buddie:	OK class, today we're going outside to study maths!
Seo-joon:	Oh no! This is going to be difficult!	All children:	Hurray!
Narrator:	Scene 5	Seo-joon:	Buddie, you're the best!
	As the weeks pass, Seo-joon and Buddie become great friends. Seo-joon improves his maths while Buddie learns about humans.		
Seo-joon:	So, if x equals 10, the value of six x minus x squared is ... minus 40. Yes!		
Buddie:	This game is wonderful! Come on! I will play you!		
Seo-joon:	OK, but you'll never win!		

Review Units 4–6**Track 6.14**

- Boy: Hi, Holly! How was your weekend?
Did you do anything exciting?
- Holly: Yes, David sent me a message to
meet him near the pond at ten
o'clock.
- Boy: Oh no! David's always late, isn't he?
How long were you waiting?
- Holly: He arrived at quarter to eleven, so I
was waiting for quarter of an hour.
- Boy: And what did you do?
- Holly: Our first plan was to go skiing, but it
was too foggy, so we went sledging
instead. We stayed all afternoon.
- Boy: Did you?
- Holly: Yes, it was great, but I left my gloves
in my room when I was tidying it, so
my hands were really cold.
- Boy: That wasn't clever, was it?

7 Then and now

Track 7.01

Diversicus is in Egypt. Today the Friendly family are on a ship on the River Nile. They're looking at one of their rooms.

- Jim: There's a telephone, so we might have wifi.
- Jenny: Ooh, but come and look at the bathroom! There's a black toilet and there's some soap and shampoo on that shelf.
- Jim: Yes, and they've given us a white comb and a blue brush.
- Mr Friendly: Hmm. There isn't an oven ... so I don't have to cook. I'm on holiday! But it's good to have a fridge, isn't it?
- Mrs Friendly: Is it? Why are you looking at the fridge? Look at this wonderful view outside! That's the gate to the old city.
- Jim: The gate?! But it's huge! Ivan's dog could get through there easily!
- Mrs Friendly: Well, it's been there for thousands of years and we're going to walk round the old city this afternoon.
- Jim: Brilliant! Come on, Jenny! Let's go and explore the rest of the ship.
- Mrs Friendly: Don't forget to take your key! ... It's on the bed.

Track 7.02

Fridge, telephone, oven and shelf,
Shampoo, brush and comb,
Toilet, soap, gate and key,
Things around the home.
(x2)

Track 7.03

- 1 Is the soap on the shelf?
- 2 What colour's the comb?
- 3 Is there an oven?
- 4 Where's the key?

- 5 Is there a telephone?
- 6 Is the shampoo in front of the mirror?
- 7 What colour's the brush?
- 8 Is the fridge on the shelf?
- 9 Is there a toilet?
- 10 Is the gate new?

Track 7.04

Diversicus, Diversicus,
We're harmony in a circus, us,
Where music, art and beauty don't stop,
Acrobats and dancers under one Big Top.

[Frame 1]

Jenny: Mum, Dad, have you seen Ivan?
Look over there!

Ivan: Hello. Only me!

[Frame 2]

Mrs Friendly: Hello, Ivan. How did you get here?

Ivan: I've come by car. I've borrowed Marc's car for three days. I've driven from Cairo.

[Frame 3]

Jim: We're going to see the old city.
Come on.

Ivan: I'd like to ride on a camel first. Have you ever ridden on one, Ben?

Mr Friendly: No, I've never ridden on a camel ... and I'm not going to ride on one today!

[Frame 4]

Mrs Friendly: Take them for a camel ride, please?

Ivan: OK. We'll meet you in the old city in two hours.

Jim: Can't I stay with Dad? I've never ridden on one either!

[Frame 5]

Jim: Ivan! Jenny's just fallen off her camel!

Ivan: Oh no! I hope she hasn't broken anything.

[Frame 6]

Ivan: Are you OK, Jenny?
Jenny: Yes! I've hurt my leg a bit, but I didn't fall far. The camel hasn't stood up yet.
Jim: Oh, you've cut your knee. I don't feel well ...

[Frame 7]

Narrator: Later ...
Jim: Jenny! Take a photo.
Jenny: Sorry, we've forgotten the camera. We've left it on the ship.
Ivan: Don't worry, I'll take one.

[Frame 8]

Ivan: Hello? ... It's your dad. They've found a great place for lunch.
Jim: Great! I'm really hungry.
Jenny: And this time we'll travel by car, OK?

Track 7.05

a Mr Friendly: No, I've never ridden on a camel!
b Ivan: They've found a great place for lunch.
c Jim: Jenny's just fallen off her camel!
d Jenny: Sorry, we've forgotten the camera.
e Ivan: I've driven from Cairo.
f Jim: I've never ridden on one either!
g Jenny: Mum, Dad, have you seen Ivan?
h Jim: Oh, you've cut your knee.

Track 7.06

I've taken some great photos.
My sister has just broken my phone.

Track 7.07

Come on, Jim! Come on, Jenny!
Your room's untidy, your room's untidy.
Your room must be tidy when we leave.

We've tidied our room, now our room is tidy.
We've tidied our room, now our room is tidy
But my suitcase is full. It's too heavy.

Now your suitcase is broken, your suitcase is broken.
My suitcase is empty and it's light.
Let's pack this one, put something in mine.
Let's pack this one, put something in mine.
Pack it quickly, it'll be all right.

I've been to town and I've bought this rug.
Isn't it unusual? Isn't it great?
I've been to town and I've bought this rug.
And it wasn't expensive. It was cheap.

It isn't a problem. I've got Marc's car.
So put everything in Marc's car.
It's only me! I'm by myself.
It's only me! It'll be all right.

Track 7.09

- 1 What colour's the heavy suitcase?
- 2 Whose suitcase is broken?
- 3 What colour's the light suitcase?
- 4 Whose suitcase is empty?
- 5 Look at Jim and Jenny's bedroom. Is it tidy or untidy?
- 6 Look at Mr Friendly's rug. Is it cheap or expensive?
- 7 What kind of rug has Mr Friendly bought?
- 8 Where can they put their suitcases?

Track 7.10

Boy: This museum's great! We've studied Ancient Egypt, but I haven't seen these things before. What's that big thing over there?
Mum: A very old oven. It was used for cooking food. Ovens like this are used to make bread and pizza today.
Boy: Are they? That's interesting! ... Ooh, look at these old combs. People used these to comb their hair, didn't they?
Mum: Well, small combs were used to comb their hair. Large combs were used for combing sheep's wool.

- Boy: Hmm. And what's this? Oh, a mirror? But it's made of metal, not glass.
- Mum: That's right. Before people invented glass, they used metal mirrors to look at their faces.
- Boy: And I know that face, Mum – it's Tutankhamun! ... It says here that men and women used a black cream to paint round their eyes.
- Mum Yes, that's right. It was used to stop the sun from hurting their eyes – like sunglasses today. Now, where do you want to go next? ...

Track 7.11

It was used for cooking food.

It was used to cook food.

Ovens like this are used for making bread and pizza today.

Ovens like this are used to make bread and pizza today.

Track 7.12

We use machines to help us in different ways: to work, travel, communicate ... or to have fun. There are simple machines, with only one or no moving parts, like a screw, and complex machines, with many parts that work together, like a clock.

'Time to get up!' Clocks control modern life. Today, we nearly always know the time, but early humans didn't worry about it. They hunted and worked when it was light and they slept at night. However, as civilisations developed, humans wanted to know the time.

The Egyptians built enormous towers and used shadows and the sun to tell the time. Later, people used a smaller version of this, called a sundial, but this can't help on cloudy days or at night. For hundreds of years people marked and burnt candles or they used a water clock or an hourglass, which used sand.

The 14th century mechanical clock was a European invention. It rang a bell every hour. Clockmakers added the hour and minute hands.

A clock with hands is called an analogue clock and a digital clock only has numbers. Our clocks today are much more accurate than earlier versions and they're everywhere: on our computers, tablets, phones and even in the street. No-one should be late these days!

Track 7.13

The Ancient Egyptians were one of the earliest human civilisations to develop and their inventions were amazing. 3,000 years ago, their technology helped them build the pyramids and royal palaces. They had their own writing called hieroglyphics and they made paper from the papyrus plant.

The pyramids in Egypt are some of the most impressive things that humans have built. When a pharaoh (their king) died, the people buried him inside a pyramid. There are about 140 pyramids. The largest is the Pyramid of Khufu or the Great Pyramid of Giza, which was about 150 metres tall. We can see that they used enormous blocks of rock, but there are some important questions. How did the Ancient Egyptians bring the rocks to the place where they were building the pyramid? How did they lift the rocks to the top?

Experts think that they brought the rocks down the River Nile on rafts. They didn't have the machines that we have today, but they had simple machines like ramps and levers. The workers cut the rocks and moved them slowly up the pyramid on ramps which they built around the sides. They lifted the heavy rocks with levers and built the pyramids one rock at a time. Archaeologists think it took 23 years, and thousands of people, to complete the Great Pyramid of Giza.

Fun fact!

Did you know that the Ancient Egyptians also invented toothpaste? They had problems with their teeth because their bread had a lot of sand in it.

Track 7.14

The boy king

In 1922, an archaeologist found the tomb of an Ancient Egyptian king, a pharaoh, called Tutankhamun, who we sometimes call King Tut. Tutankhamun died when he was 19. An x-ray showed

he had a broken leg, but we don't know much about his life. People have different ideas about what happened to him, but no-one knows for sure. Here's a story about what may have happened to him.

Once upon a time in a city called Akhetaten in Ancient Egypt, there was a boy called Tut. Tut was a happy child, but when he was only nine years old his father died. The great men of the royal court told him that he was now the country's new king, which they called 'pharaoh'. That was the end of Tut's happy days as a child.

Tut didn't know how to be a king, but no-one let him decide what to do anyway. The real rulers of the land were a general named Horemheb and a man called Ay. They wanted to control Tut and they wanted him to do everything they said. Tut hated them both.

A year later Horemheb and Ay told Tut to marry a beautiful young girl. Her name was Ank. Tut had everything that a pharaoh needed, but he was bored!

When Tut was 18, Horemheb and Ay gave him a new pair of sandals. They were expensive, but there was nothing special about them. Or was there? There were faces on the bottom of the sandals.

'That's unusual,' Tut thought. He asked 'Why are these faces here?' 'They are the faces of your enemies,' Horemheb explained. 'These sandals are used for standing on them.' Tut was very interested and he put on the sandals.

As soon as Tut was alone, he took them off again. Who were his real enemies? Horemheb and Ay, of course. They were horrible and they never let him do what he wanted. Tut carefully painted Horemheb's and Ay's faces onto the bottom of his new sandals. Then he put them on, he went outside and he jumped up and down in the hot sand!

Later that day, Horemheb and Ay gave Tut a board game. Tut and Ank started to play. Horemheb and Ay stood behind them, watching the game. Suddenly a piece fell off the board. Tut jumped up to get it, but something made him fall over. Did he fall or was he pushed? No-one will ever know, but his leg was broken. It was a very bad break. Tut became sick and died. Ay married Ank and became the next pharaoh.

8 Space travel**Track 8.01**

Diversicus is in Italy. This morning the children and Ivan are learning about deep space at the Galileo museum.

Su-Lin: Galileo lived in the 16th and 17th centuries. That's over 300 years ago. He was very clever. Other people didn't believe that Earth and the other planets move around the sun, but he did.

Jim: And he improved telescopes, so he could study space better.

Su-Lin: And have you seen his drawings of the moon, stars and planets? They're brilliant!

Jenny: Things have changed a lot since Galileo's time. We use rockets to travel into space now ...

Ivan: Ooh, I've been to a museum in Russia which has a space rocket with an enormous engine. It was huge!

Jim: Heavier than Jenny's suitcase, huh?

Pablo: And scientists use robots in deep space, don't they? You know, to explore places which are too far away for astronauts.

Jim: That's good, because I think space travel's a bit frightening.

Pablo: Yes, it is, but astronauts are brave. I'm going to write a comic book about an astronaut on a spaceship!

Ivan: I can't wait to read it.

Track 8.02

A huge rocket,
With enormous engines,
Astronauts on spaceships,
Planets in deep space.

A huge rocket,
With enormous engines,

Look through the telescope
At planets in deep space.

Track 8.03

- 1 Diversicus is in Italy.
- 2 Galileo lived in the 21st century.
- 3 Galileo improved telescopes so he could study oceans better.
- 4 Galileo drew rockets and spaceships.
- 5 Things have changed a lot since Galileo's time.
- 6 We use rockets to travel into space.
- 7 Ivan has seen a rocket which was smaller and lighter than Jenny's suitcase.
- 8 Jim thinks that space travel is boring.
- 9 Pablo's going to write a comic book about the adventures of an astronaut on a spaceship.
- 10 Ivan wants to read Pablo's comic book.

Track 8.04

Diversicus, Diversicus,
We're harmony in a circus, us,
Where music, art and beauty don't stop,
Acrobats and dancers under one Big Top.

[Frame 1]

Jenny: Have you finished your new comic book, Pablo?

Pablo: Nearly. I'm going to finish it this afternoon. Do you want to see my new hero?

[Frame 2]

Jim: Wow! Your astronaut looks big and strong!

Pablo: He is. It's 2050 and he's going to travel into deep space.

Su-Lin: 2050. What do you think life will be like then?

[Frame 3]

Ivan: I think people will eat more food!

Jim: I don't think they'll eat the same food as today.

Su-Lin: I think they'll eat unusual food in 2050.

[Frame 4]

Pablo: Yes, they will. My astronaut's going to use his computer to get food.

Ivan: That doesn't look very nice! I don't think I'll eat that in the future!

[Frame 5]

Jenny: How will people travel?

Jim: More people will use planes and trains because they'll be faster and cleaner.

Su-Lin: We won't drive on roads. Cars will fly!

[Frame 6]

Pablo: Well, my astronaut's going to travel in an enormous spaceship. He's going to have some amazing adventures.

Jenny: I think your comic book will be really exciting.

[Frame 7]

Jim: Are those the clothes which he's going to wear?

Pablo: Yes, he's going to have a special spacesuit which will help him do amazing things and save Earth.

[Frame 8]

Jim: Is that someone we know?

Pablo: Yes, he's big, strong and he's our favourite superhero.

Ivan: It's only me!

Track 8.05

1 Pablo: Nearly. I'm going to finish it ...

2 Jim: Wow! Your astronaut looks big ...

3 Pablo: It's 2050 and he's going to travel into...

4 Ivan: I think people will eat ...

5 Ivan: I don't think I'll eat that in ...

6 Jim: More people will use planes and trains because they'll be faster ...

7 Pablo: My astronaut's going to travel in an ...

8 Jim: Are those the clothes which he's going ...

Track 8.06

Spaceships will improve.

Are you going to watch space films?

Track 8.07

Can you touch the stars?

Follow the Milky Way!

Can you explore space today?

Go into your rocket, through the entrance.

Turn on your engine. See Earth disappear.

See the moon appear. Land on the red planet.

Turn off your engine, put on your spacesuit.

Put on your helmet. Pick up your flag.

Leave your spaceship, through the exit.

Put your flag into the ground.

Take pictures for the news and the Internet.

Enter your spaceship. Prepare your dinner.

Save some moon cheese for me.

Save some moon cheese for me.

Come back to Earth.

Sit in the armchair, watch films on TV.

Stay at home. Stay at home.

Track 8.09

Su-Lin: ... and in this week's story of 'Lost in the Milky Way', Ivan, the strongest and bravest astronaut in space, receives a surprise visit ...

Pablo: Ivan landed his rocket on the new planet. He was turning off his engine when he heard a strange noise. There was something hiding inside his spaceship! Was it an alien? He knew he had to do something, so he decided to explore.

He was wearing his special spacesuit. He heard something inside the cupboard. He carefully took out his heavy torch and turned it on. Something was moving behind the door. Ivan wasn't frightened. He

quickly opened it and pointed his torch straight into the eyes of the little creature who was looking up at him.

'Oh, Mr Barker!' Ivan said, as he looked down and saw his robot puppy. Mr Barker was holding Ivan's hairbrush in his mouth! He wanted to play.

Track 8.10

Pablo: Ivan landed his rocket on the new planet.
Something was moving behind the door!
He was turning off his engine when he heard a strange noise.

Track 8.11

Mars is the fourth planet from the sun. It's called 'the red planet' because iron oxide (rusty iron) gives the surface this colour. Mars is a cold, desert world and, like Earth, it has seasons and weather. Scientists want to know if Mars had living things in the past. They think that in the past there was liquid water on the planet.

NASA believes that it will be possible to send astronauts to Mars by 2030. We have to know what dangers there are and find a way to protect the astronauts. This is why there have been robots on Mars for many years.

The robots send information back to Earth about the rocks and atmosphere on Mars and scientists design materials to help astronauts to survive there.

How can we prepare people on Earth for a Mars mission? Different groups of six scientists have spent eight months in a special dome.

Could people live in a small group out of contact with their friends and families, with no phones or messages? Yes! The experiments have worked and the mission plans continue.

Track 8.12

The International Space Station (the ISS) is a huge science laboratory in space where astronauts can live and work. The astronauts come from different countries, but they must be able to speak English and

Russian. It's quite difficult living on a space station because there is no gravity.

Everything floats, so there are special ways to have a shower, wash your hair and go to the toilet on a space station.

On Earth, we're always moving against gravity (except when we're asleep) and this helps us to keep fit. If astronauts don't exercise, they become weak and they have serious health problems when they return to Earth. This is why the astronauts have a very strict exercise programme, but they can't play sports like basketball.

Can you think why?

Life is difficult in space, but Italian astronaut Samantha Cristoforetti brought her coffee machine! How could you make your stay on the ISS more like home?

Track 8.13

Girl: You and your space magazine! What are you reading about now?

Boy: Samantha Cristoforetti. She's an Italian astronaut. Hah! Her birthday's the same day as Dad's, but not the same year – April 26th, 1977.

Girl: How do you become an astronaut? What did she have to do?

Boy: Erm, well, first, she studied to be an engineer at university, but actually she became a pilot.

Girl: So was that her first job?

Boy: Yes, and then in May 2009, she was one of only six people who they chose to train as astronauts.

Girl: Wow! So has she been to the International Space Station?

Boy: Yes, she has. She spent 200 days there.

Girl: That's more than six months!

Track 8.14

The space blog

Narrator: Blog post 1: day one

Elena: Hello! This is Elena Romano. I'm on board Explorer One with Luca Rossi. Luca and I were the very lucky

- winner of a competition to become the first child to go into space. We're travelling with two astronauts called Leo and Melita and I'm going to write about what happens. This will be an exciting adventure!
- Narrator: Blog post 2: day three
- Elena: I've had some questions from people on Earth. Everyone asked, 'Are you afraid?' No, we aren't. We feel very safe up here! Sally from Canada asked, 'What's the best thing about space?' That's easy – looking out of the window at planet Earth. It's so beautiful! Luca's favourite thing is zero gravity. Every few minutes he says, 'Come on, let's fly!'
- Narrator: Blog post 3: day five
- Elena: Nikos in Athens wants to know the worst thing about space. The food, Nikos! There is no word to describe it. It's just – eurrghhhh! Luca says he wants to eat a bowl of his grandmother's pasta. Me too, Luca, me too!
- Narrator: Blog post 4: day seven
- Elena: Something in the rocket is making a strange noise. Melita says everything is OK, but I saw her talking to Leo earlier. They both looked worried.
- Narrator: Blog post 5: day eight (morning)
- Elena: This morning Luca and I were looking out of the window when Leo appeared. 'Bad news,' he said. 'The engine isn't working very well.' Luca asked, 'What's going to happen?' Leo didn't answer for a long, long time. Finally, he said, 'I don't know.'
- Narrator: Blog post 6: day eight (afternoon)
- Elena: This is getting frightening. The lights on the spaceship are turning on and off. Leo and Melita are going from place to place, fetching things to try to fix the engine. They've told us not to worry, but we don't know what's going to happen. Luca thinks we'll be lost in space forever. Will we ever get home?
- Narrator: Blog post 7: day eight (evening)
- Elena: We're nearly home! Leo and Melita asked us to fly the spaceship for them while they fixed the engine. Well, the spaceship's computer flies the spaceship, but we had to watch the screen and make sure that the blue light was on and that we were moving from left to right on the screen! 'You've been brilliant!' Melita said. 'We've fixed the engine. You two can have a rest now while Leo and I take us home. Why don't you have some space food while we slowly go back to Earth?'

9 Great bakers**Track 9.01**

Today Diversicus is in Cambridge, England. The children are helping Grandma and Grandpa Friendly to prepare lunch.

Grandpa: Now, I'll cut the bread for everyone.
Where's the knife?

Grandma: It's there, near the bread. It's a very big one, so be careful.

Jenny: Shall I prepare the salad?

Grandma: Yes, please. Use that big fork and spoon to mix it.

Jenny: Oh, in the bowl. Yes, I see. And you usually put salt and pepper on it, don't you?

Grandma: Yes, that's right ... and a little lemon juice, please. But ask Grandpa to cut the lemon for you.

Jim: I've just cut the pizza, Grandma!

Ivan: And I've just taken the first piece.
Mmm, it's delicious.

Jim: Look at this, Grandma. It's used for cutting pizza. It's a wheel which cuts like a knife. We got it in Italy.

Su-Lin: And the black olives are from Australia.

Grandma: That's interesting. You've learnt a lot in different countries, haven't you?

Su-Lin: Yes, we have.

Pablo: And we've eaten a lot of different kinds of food, too.

Ivan: Snacks from all over the world.
Delicious!

Track 9.02

Delicious food for us,

Delicious food for us,

Knife, fork, spoon,

Salt, pepper, olives,

Piece of pizza,

Snack, snack, snack,

Knife, fork, spoon,

Salt, pepper, olives,

Piece of pizza,

Snack, snack, snack,

Delicious food for us,

Delicious food for us.

Track 9.03

1 Su-Lin: And the black olives are from Australia.

2 Ivan: And I've just taken the first piece!

3 Grandma: Use that big fork and spoon to mix it.

4 Jim: I've just cut the pizza, Grandma!

5 Pablo: And we've eaten a lot of different kinds of food, too.

6 Ivan: Delicious!

7 Grandpa: Where's the knife?

8 Grandma: You've learnt a lot in different countries, haven't you?

9 Jenny: Shall I prepare the salad?

10 Jim: It's used for cutting pizza.

Track 9.04

Diversicus, Diversicus,

We're harmony in a circus, us,

Where music, art and beauty don't stop,

Acrobats and dancers under one Big Top.

[Frame 1]

Grandpa: So, this is the end of your tour. Oh, that music sounds nice!

Grandma: Yes, it does. It sounds like Egyptian music, doesn't it?

Mrs Friendly: Yes, but it's from Dubai. I think it sounds wonderful.

[Frame 2]

Ivan: Put on your caps. It's hot and sunny and we're going to eat outside today ... and here's the sun cream. Put some on, too.

Jenny: OK, Ivan. Thanks.

[Frame 3]

Su-Lin: This sun cream smells like coconut.

Jim: Yes, it does. It's made from coconuts.

Ivan: It smells good enough to eat! I feel hungry.

[Frame 4]

Grandpa: This rug feels nice and soft.

Grandma: Yes, it feels like wool.

Mr Friendly: Yes, that's right. It is made of wool. It's very unusual and it wasn't expensive. I got it in Egypt.

[Frame 5]

Grandma: What a lovely day! This is very nice. I'm getting hungry.

Grandpa: Oh yes. Come on, let's have something to eat.

[Frame 6]

Grandma: What are these?

Jim: They're chopsticks, Grandma. They're from South Korea. They're used to eat rice and noodles.

Grandpa: They don't look like forks and spoons.

[Frame 7]

May: I hope you like the noodles. I made them with my family's special sauce.

Grandpa: Delicious! They look like spaghetti ... but they don't taste like spaghetti. But it's difficult with chopsticks!

Su-Lin: No, it's easy! Watch me!

[Frame 8]

Jenny: Try these, Grandpa. You can eat them with your fingers.

Grandpa: That's horrible! They look like grapes, but they don't taste like them! What are they?

Grandma: Olives. Su-Lin told me. I think it's a great party and everything's delicious!

Track 9.05

- 1 It's the end of the tour.
- 2 The music's from Egypt.
- 3 They're going to eat inside.
- 4 The sun cream feels like coconuts.
- 5 The rug which they got in Egypt is unusual.
- 6 The chopsticks are from South Korea.
- 7 Chopsticks look like forks and spoons.
- 8 Grandpa likes the taste of the noodles.
- 9 Jenny gave Grandpa a piece of pizza.
- 10 Grandpa thinks olives taste horrible.

Track 9.06

I wanted to know what it tasted like.

It felt like dry grass.

It smelt like carrot cake.

It looked like a nest.

It sounded like someone playing an electric guitar.

Track 9.07

- 1 [traffic]
- 2 [a storm]
- 3 [a fire engine]
- 4 [a camel]
- 5 [a lift]
- 6 [a horse]
- 7 [a festival (street carnival with music)]
- 8 [a waterfall]
- 9 [a toilet flushing]
- 10 [knives and forks being put away]

Track 9.08

We're having a surprise party

For the end of the tour.

We're making afternoon tea.

Let's bake some more!

Biscuits are made of this:

Butter, honey, flour and eggs.

I've turned on the cooker,

So the oven's hot.

I've baked the biscuits.
We've got a lot.

Chorus

Mix the cake in the bowl:
Sugar and butter, eggs and flour.
Put it in the oven.
Let it bake for an hour.
Put some jam in the middle,
Then go and wash up ...
Wash up!

Chorus (x2)**Track 9.10**

- 1 h-o-n-e-y
- 2 b-a-k-e
- 3 j-a-m
- 4 b-u-double t-e-r
- 5 e-double g
- 6 c-double o-k-e-r
- 7 b-i-s-c-u-i-t-s
- 8 f-l-o-u-r
- 9 s-u-g-a-r
- 10 w-a-s-h u-p

Track 9.11

Frank: Hi Betty! I've just baked a chocolate cake.

Betty: Yes, the smell's making me hungry.

Frank: Would you like a piece?

Betty: Yes, please.

Frank: Sit down and I'll get some plates

Betty: Thanks. Mmm, that tastes delicious. The chocolate cream's amazing.

Frank: Thank you.

Betty: You went to the cinema last night, didn't you Frank?

Frank: Yes, I did. It was such a funny film. I laughed out loud several times. It made me really happy.

Betty: That's good. I might go and see it, too. I stayed at home and played football in the garden with my dad. It made us hot and thirsty so we drank some cold lemonade when we finished.

Frank: Yes, it was really warm yesterday afternoon! I felt hot in the cinema.

Betty: Yeah and it's going to be hot again today. ... Come on! I'll help you to wash up and then we can meet our friends in the park.

Frank: Great idea!

Track 9.12

The smell's making me hungry.
It made me really happy.
It made us hot and thirsty.

Track 9.13

The cacao tree grows in hot climate zones. It has small white flowers and some of these flowers grow fruit called pods. The pods can be as big as footballs. When the pods are ready, they change colour and workers cut them down from the tree.

They open the pods and take out the beans. Inside the pods, there are 20 to 50 beans. The beans dry in the sun. The workers then put the beans into sacks and send them to the factory.

At the factory, they clean and cook the beans.

Next, they crush the beans and take out the cocoa liquid. This isn't sweet – it's very bitter.

They have to add sugar and sometimes milk to the cocoa liquid to make it sweet.

Finally, they heat the mixture so they can make different shapes with it. What does your favourite chocolate bar look like?

Track 9.14

Traditional foods use ingredients that people can find locally – that's why they are traditional. For example, China grows rice, so rice usually accompanies a Chinese meal. Fish and chips developed as a traditional meal on the UK coast because it was easy to buy fish (and potatoes, of course).

These days, one of the most popular meals in the UK is not British. Do you recognise the food in the photo? This is curry, with rice, Indian bread and the other things that usually accompany it.

The curries that people eat in the UK are originally from India, Pakistan and Bangladesh. Curry has become an important part of British life and 23 million people in the UK say that they eat curry regularly. Some people like very hot, spicy curries, but others prefer a milder curry. Have you ever tried curry? And would you like yours spicy?

Track 9.15

1

This is a very famous fried meal in the UK. People have it for lunch or for dinner. In my family, we always have peas with it.

2

We have this at school, but it's much nicer at home! It's got potatoes on the top, and meat and vegetables on the bottom.

3

This is the first thing I learnt to bake! It's always got jam in the middle, but sometimes I put cream in it too.

4

This is a very traditional Sunday lunch in the UK. It's my favourite meat and we have different vegetables with it.

5

This is made in lots of different ways. It's usually got fruit and custard – that's the yellow part – and often small pieces of cake too! We always put cream and nuts on the top of ours ... and it's delicious!

Track 9.16

The gingerbread girl's adventure

Every Saturday morning Bruno gets up at 5 a.m. to make gingerbread people. He carefully measures the ingredients and puts them into a large mixing bowl, with a big smile. As he bakes, he listens to his favourite music and sings along happily. Later, he and his dad take the warm, freshly baked gingerbread people to Spring Wood, a local home for older people. The gingerbread people taste so delicious that everyone in London knows about them.

One Saturday morning, the doorbell rang. Bruno opened the door and a man walked in. The man took a deep breath.

'Ah gingerbread!' he said. 'It smells just like my old granny's kitchen, and I'm sure it tastes delicious, too. Sorry, I'm Mr Brett,' he added. 'I have cake shops all over London and I'd like you to bake your special gingerbread for me. You could become very rich!'

'Really?' Bruno said, surprised. 'But I just use a traditional recipe.'

'No secret, extra, special ingredient ...?' Mr Brett asked.

'No. Let me get Dad – you can ask him too,' Bruno replied.

When Bruno went upstairs, Mr Brett saw a basket of gingerbread people on the hall table. He took one, a gingerbread girl, put it into his pocket and left very quickly.

The gingerbread girl was afraid. When Mr Brett stopped moving, she looked around. She was in a huge bakery.

'I have a new biscuit! Crush it up and find out what the secret ingredient is!' she heard Mr Brett say.

Oh no! The gingerbread girl didn't like that idea – and Bruno and the people at Spring Wood needed her. She had to do something fast!

At that moment, Mrs Brett came in. 'I'm going to the market to get some ingredients now.'

When the gingerbread girl heard that, she quickly jumped into Mrs Brett's handbag.

Mrs Brett left the bakery and caught a bus. The gingerbread girl looked out of the window at all the famous sights of London: Big Ben, the London Eye ... and she saw crowds of people.

Then something amazing happened. She saw Bruno and his dad in the street. The next time the bus stopped, she jumped off and a big black taxi almost crushed her. Finally, she caught up with Bruno and jumped into his coat pocket.

As soon as Bruno and his dad arrived at Spring Wood, they gave out the gingerbread people. When Bruno came to the last lady, there weren't any left. He couldn't understand it. He always made 50! Checking the basket again, he saw a gingerbread girl lying in the bottom.

'Oh, here she is,' he said. He didn't know anything about the gingerbread girl's great adventure.

As he gave the old lady her gingerbread, she smiled and said, 'These biscuits make me so happy. They taste like a bit of home every Saturday! You put a lot of love into them, don't you?'

Bruno smiled and said, 'Yes'. 'That's my secret, extra, special ingredient – love.'

Review Units 7–9

Track 9.17

- 1 It's usually in the kitchen. It's used for cutting food.
- 2 It's small and made of metal. It's used to open doors.
- 3 It's usually in the kitchen. It's used for keeping food cold.
- 4 It's used to make delicious hot food.
- 5 We use this for washing our hands. It sometimes smells like flowers.
- 6 It's used for travelling in space.
- 7 We're going to buy a new one of these for our garden. It looks like a door.
- 8 Your hair will look untidy if you don't use this!