





Paul Drury



Skim the text and find:

- **1** four animal names
- **2** four different materials we use for clothes

LOOKING GOOD!

Take a look at what you're wearing. What's it made of? Where did it come from? Even if your T-shirt is brand new it's probably travelled a lot further than you will in your whole life.

> It's cold, you wear a jumper. Maybe that jumper is made out of cotton, polyester, maybe it's made out of wool. Where did that wool come from? Sheep? Yeah, there's a good chance of that. Camel? Possibly. Goat? Why not? Rabbit? Could be. Some types of cow? Yep. Our ancestors were

very practical and made good use of what they had around them, so if they saw a very woolly animal, their first thought wasn't: 'Ah, isn't it cute?' It was probably: 'Hmm, looks warm, it will make a good jumper.' Why is the idea of camel's wool stranger than sheep's wool? (In some parts of the world sheep's wool may sound weird.) After all, if the material keeps you warm it's doing its job, right?

What about this one? Gather together all your plastic bags or crisp packets and make yourself a really nice dress or pair of trousers. Why is that weird? What do you mean your friends will laugh at you? A lot of the



clothes you normally wear use materials such as nylon made from plastic. It's only because the crisp packet you think of as food and material like nylon doesn't feel like plastic.

The kind of things we like as a society changes. Look at the clothes your parents wore when they were young. The style of clothes probably looks a bit strange to you now but for them it was the same style as everyone else. Who knows in a few years, you could be walking round wearing recycled crisp packets, or plastic bags and it will be perfectly normal.

Home Mission

Read the statement and make two lists:

- **1** I agree with the statement because:
- 2 I disagree with the statement because:

Spend five minutes writing down as many reasons as you can for both sides of the argument. What do other members of your family think? Did you change your opinion?

Add your work to the Home Mission portfolio.

A cheap T-shirt is just as good as an expensive one.

CONFIDENCE BOOST

Everyone has an opinion when it comes to clothes, That's just how it goes. Look in the mirror and ask yourself, 'Am I clean? Do I feel comfortable?' If the answer is 'yes' then you're good to go. Just remember you're not in any shows.



WINDOW TO THE

If it's hot and you're working outside all day, you need some protection from the sun. These conical hats are very popular in many parts of Asia, but especially in Vietnam. They are very practical: they protect you from the sun, but also, because the leaves are waterproof, they are like mini-umbrellas. Some of these hats in Vietnam have a little secret. If you hold them up to the light you can see a picture or sometimes a poem.



It's a nice idea to have a picture or poem hidden somewhere in your clothes. Why don't you draw a picture or write a few words on a small piece of paper and hide it in your clothes? And don't tell anyone; it's a secret!

QUIZATHON!

Stopwatches ready, you have 30 seconds per question:

On your marks, get set, go!

Use the words in the box.

collar sleeve label tights trainers hat tie jewellery tracksuit raincoat jumper

- Which items of clothing rhyme with 'my'?
- 2 Which item of clothing is called *sneakers* in the US?
- Count all the pockets you have today. Don't forget the ones in your backpack.
- Which of the words from the box are you wearing / do you have today?
 What about the person who's nearest to you right now?
 (Don't look! See if you remember.)
- 5 Now put them in order of high to low, e.g. *hat* is the highest because it's on your head.

VIDEO GAMES ARE BAD FOR YOU. NO, WAIT, I MEANT GOOD FOR YOU.

'Video games are bad for you.' I'm sure you've heard that a few times. Well, if you're playing all day and all night then it's probably true. It can be very hard to stop: just one more level, just one more life, just five more minutes.

Many kids spend way too much time playing these games. They go to bed late and can't concentrate at school. (I'm sure you don't do that.) If you're having problems sleeping, because you're spending too long playing video games, you might need to think about reducing your screen time.

We've all heard the disadvantages, but if I tell you there are advantages, will you believe me?

- Video games can make our brains grow. It's true! There was an experiment where people played a video game for 30 minutes a day. They discovered that the bits of the brain that help you organise your thoughts, know where you are, and make decisions were all bigger.
- They can improve your eyesight. In another experiment, scientists tested the eyesight of their students. They then asked the students to play video games for around ten hours, over a month, and tested their eyesight again. Weirdly, their eyesight was better.
- Wait, there's more! You know when you're playing these games you have to make hundreds of little decisions? If I do this, will I lose a life? If I go straight ahead I'll have to fight the dragon, etc. It's quite simple really: the more decisions you make in the virtual world, the faster you can make decisions in the real world.

So, you see! Gaming is good for you!

Are the imaginary worlds in books really that different to the imaginary worlds in video games? What do you think? If you play video games, what do you think are some of the advantages?



Home Mission

Read the statement and make two lists:

- **1** I agree with the statement because:
- 2 I disagree with the statement because:

Spend five minutes writing down as many reasons as you can for both sides of the argument. What do other members of your family think? Did you change your opinion?

Add your work to the Home Mission portfolio.

Smartphones are making our memories worse.

WINDOW TO THE WORLD

Can you imagine what it's like to go to a school near the offices of Apple, Google or Facebook? The technology must be amazing, right? Not always. There are some schools in the area that have decided to keep the use of technology to an absolute minimum. Instead they encourage students to draw, think and talk about their school subjects. It's interesting that some of the students' mums and dads probably work in the Tech industry, but decided to send their children to a school that uses very little technology.

What do you think?

- Do you want your school to use a lot of tablets and technology or do you like doing your work with pen and paper?
- 2 Think of three ways that technology makes your life better.

CONFIDENCE BOOST

She's saying all this, he's saying all that. Don't listen to that, just do what you think. She's laughing at him, he's laughing at that. It doesn't mean anything, just do your thing.



QUIZATHON!

Many people say that because we use computers and phones so much, we keep less and less information in our heads. Do this test to see how good your memory is:

 Look at the pictures below for 30 seconds, then close your book and write as many of the objects as you can remember.



How many did you remember? Ask your friends to see how well they did.

2 Try learning the two numbers below: look at each one for ten seconds, then close your book and write them down.

7243665

392 7048

Which one was easier to remember? Maybe the second one because it was written in chunks? Think about this next time you have to learn a list, a spelling, a formula ...



Jim-nastics

DOES SPORT MAKE YOU SMARTER?

Everyone says, 'Exercise is really good for you.' Well, I tested it for myself, and this is my picture diary. Can you match the pictures to the paragraphs?

Doing exercise gives you more energy. It's true! Look, this is me on Monday 1. I spent lunchtime in the library and by two o'clock I couldn't stay awake. But, look at me on Tuesday: at lunchtime I played football and I felt alert all afternoon 2.

I'm taking exams so I need a clear head. It is believed that exercise can help ③. On the days I felt really tired, I noted how I felt before and after exercise, and I definitely noticed the difference. One day in English, after exercise, my teacher said I was like this ④ because I answered all the questions. Problem is, the next day, when I didn't exercise, she said my brain was more like this **5**.

My dad always says 'practice makes perfect'. This reminds me of how long it took me to learn to do 'keepy ups' ⁶ in football practice. When I started, I could only do one or two. Then I practised for hours and now my record is 53. I learnt that sport encourages me to keep trying until I succeed **7**.

Sport really helps my brain as well. I realised that when I'm playing a game my brain is working really hard. For example, I play football and when I control the ball I make lots of very small movements. I also have to look up and judge the distance between me and the other players, how hard to kick the ball, and so on. I make hundreds of small decisions every time I play. That's great brain exercise 8 !

Home Mission

Read the statement and make two lists:

9.9

- **1** I agree with the statement because:
- 2 I disagree with the statement because:

Spend five minutes writing down as many reasons as you can for both sides of the argument. What do other members of your family think? Did you change your opinion?

SUCCES!

Add your work to the Home Mission portfolio.

Sport is a waste of time.

CONFIDENCE BOOST

Am I going to win the race?
I might, but I'm really not sure.
I could ... there's always a chance.
I can! There's no reason I can't.
I will: I trained hard.

WINDOW TO THE WORLD

Ever heard of e-sports? No, not two teams chasing after a ball. Instead it's people sitting and playing video games. Going to a tennis match or football match can be exciting, but how do you feel about watching people play e-sports? Yes, that's right: watching people, who are sitting down, staring at a screen, playing a game. Would you believe that roughly 126 million people do exactly that? 126 million – that's like everyone in Japan watching e-sports.

What do you think?

- **1** Is this how we will all play sport in the future?
- 2 Are e-sports popular in your country?

Research the answers to the questions and ask one older person and another person your age for their opinion.

QUIZATHON!

Stopwatches ready, you have 30 seconds per question:

On your marks, get set, go!

- 1 How many sports can you think of that have seven letters?
- 2 How many sports can you think of that do not use a ball?
- **3** What is the longest name of a sport you can think of?
- 4 Which is the most boring sport in the world?
- 5 Which is the most exciting? (Do your friends agree?)

Now write three questions to ask your friends.

7



Be careful!

HOW ROBOT DOCTORS AND ANIMALS CAN MAKE YOU FEEL BETTER.

'How long have you had this pain?''Do you have a fever?'

'Does it hurt?'

'Thank you for coming. I hope you're feeling well very soon.'

Those sound like the normal type of questions doctors ask you, don't they? But what if this conversation wasn't between you and your doctor?



What if you were talking to a robot? What if it was the robot that gave you medicine? What if it was a robot that performed the operation? This isn't something that's going to happen in 50 years' time; it's starting to happen now. Do you have a pet of any sort? How do they make you feel? Do they make you laugh? If the animal makes you feel good, we often feel better. Dogs are often used in hospitals because they can make some children happier and feel more relaxed. We know that lying in bed all day is not much fun. A dog that wants some

attention and becomes your best friend is an excellent way to cheer you up.



However, a hospital needs to be perfectly clean, and animals are not perfectly clean. For this reason, scientists invented the robot



Paros the Seal. All it does is look cute – that's it! It has big eyes and moves when you touch it. It knows when you've picked it up, and it knows when it's light and dark. Just by looking cute and responding when you give it attention, it can make you feel better.

Which statements do you agree/disagree with? Why?

- **1** Dogs shouldn't be allowed in hospitals.
- 2 A robot doctor is a cool idea.
- **3** A robot doctor is a scary idea.

Home Mission

Ask your family:

- 1 What do they do when they have a fever?
- 2 What do they do when they have a cold?
- 3 Do they have a favourite food or drink for when they're ill?
- 4 Do they like to be with people or go to their room and stay in the dark?
- 5 Do they like other people to look after them or to be left alone?

Add your work to the Home Mission portfolio.

CONFIDENCE BOOST

Everyone has good days and bad days. Everyone has days when they want to stay in bed.

Everyone has days when they feel better. Everyone has days when they feel strong.

Everything we do is about learning.

Everything we do is about learning to be strong.



QUIZATHON!

Find the answers to these questions.

- 1 What is a normal pulse rate for someone your age?
- 2 Name two of the four best places to check someone's pulse.
- **3** What should you do if you think a bone is broken?
- 4 Which is the largest organ on or in the body?
- 5 What are your nails made of?
- 6 What is the name for the holes in your nose?
- 7 How quickly does information travel along your nerves?
- 8 You have two lungs and one is bigger than the other. Which one is biggest?

WINDOW TO THE WRD

In rural areas in some countries, it's very difficult to find medicines. People have to travel a long way to towns or cities to get them. It's very hard to travel when you aren't well. For the past few years, a soft drinks company in Zambia has tried to help. When they deliver soft drinks to the rural villages, they also put medicine in the boxes.



Look at a box of eggs and think about these two questions:

- What else could you carry in a box of eggs (without breaking the eggs)?
- 2 What other uses can you think of for an egg box?

WOULD YOU RATHER HAVE CRICKETS OR MAGGOTS ON YOUR PIZZA?

1

Does the idea of eating a cricket make you feel a bit sick? Well, get ready, the insects are coming to your plate! There are lots of news stories telling us why we should eat insects. But this isn't new; a quarter of the world's population (around two billion people) already eat insects. Do people eat insects in your country?

Fun foods

2 _

The world's population is growing and they all need food. However, some food, like beef, uses a lot of land and water. You probably use enough water to fill 70 two-litre soda bottles every single day. To produce one kilo of beef, which is enough food for four people, you need 7,700 two-litre bottles.

3 _

Why not? They don't look pretty but a lot of fish don't either. If we look at how much water is used to produce one kilo of insects: that's four soda bottles. It might sound obvious but cows need a lot of space, insects only need a very small amount. This means we can produce food for a lot of people in a very small space. We also need to remember that

insects are very low in fat and very high in protein, i.e. they're very good for you.

4 _

Luckily there are lots of ways to eat insects; you don't need to crunch on the whole thing. It's very easy to make flour from insects. That way you get lots of wonderful protein in your bread and pizza without having hundreds of little eyes staring at you.

Next time somebody asks you: "Would you prefer beef or chicken?" you know what to say: "A pizza with maggot topping, please."

Match the heading to the correct paragraph.

- A What's the problem?
- **B** Do I have to eat the whole thing?
- **C** We already eat insects; what are you waiting for?
- **D** Why insects?

Home Mission

Show this picture to your family and ask them:

- 1 Do people in your country eat insects?
- 2 Have you ever eaten insects? If yes, describe the taste. If not, would you like to try them?
- 3 Do you think eating insects will be more popular in the future?
- 4 Would you rather eat insects or a very smelly cheese?
- **5** Would you like to try making chocolate-covered crickets?

Add your work to the Home Mission portfolio.



CONFIDENCE BOOST

Don't make what you eat a big deal. If it's insects, vegetables or fish, Enjoy your next meal. Make sure you run around and play, Study, eat and have fun. It's the perfect way to spend your day.



WINDOW TO THE

Have you ever smelt a really stinky cheese?

That's nothing compared to this stuff called Hákarl from Iceland. You're lucky you can't smell photos – this one would be really smelly! This is shark that's been buried in sand for about six weeks and then hung to dry for months. It smells truly terrible. When people try it for the first time they have to hold their noses to stop them being sick. Hmm, nice.

What smelly foods can you think of? Put them in order of smelliness.



QUIZATHON!

Try and answer these questions, then use the Internet to check your answers.

- **1** How was the ice lolly invented?
 - A It was invented by a young boy who left a sugary drink and a spoon outside in winter.
 - **B** It was invented by an ice cream company.
 - C It was invented by a mountain climber whose drink froze.



2 This cake is hot on the outside and has ice cream inside. How was it made?



- **3** Why do onions make you cry?
- How many bees are needed to make a jar of honey?

Environmentally friendly

CYCLE POWER

You wake up in the morning, you turn on the shower. There's lots of hot water for a lovely long shower. You want to relax after school, you turn on the TV and watch your favourite TV shows. Easy, effortless, no pain, no problem.

But your shower and your TV need electricity. Where does this energy come from? Imagine there are 80 people on bikes, next to your house, pedalling really, really, REALLY hard to make the electricity you need. Will that make you a little more careful about the amount of electricity you use?

This is exactly what happened on a television programme in the UK. Cyclists had to generate all the electricity needed in one house by pedalling on bicycles.



When the people in the house needed more electricity, the cyclists pedalled harder and harder.

Do you want a slice of toast? Sure, no problem, you only need ten cyclists: start pedalling. Do you need the microwave? That's another 14 cyclists. And we're not talking about gentle exercise; you need to pedal hard.

Imagine yourself cycling as hard as you can for ten minutes before you can have a shower. Do you think you'll be a little more careful about the electricity you use? When you see just how much energy is needed you have to rethink the little things we all do every day that just waste energy.

Think about the questions below:

- **1** Think about your morning routine. What things do you turn on and for how long?
- 2 How many cyclists do you think you need to power your home for your daily breakfast more or less than 80?
- **3** Look around your bedroom and complete the sentences using *a lot of*, *a few*, *some* or *many*:
 - I have ______ electrical things in my bedroom.
 - I leave ______ electrical things in my bedroom turned on all day.
 - I leave ______ electrical things in my bedroom turned off all day.

Home Mission

Read the statement and make two lists:

- **1** I agree with the statement because:
- 2 I disagree with the statement because:

Spend five minutes writing down as many reasons as you can for both sides of the argument. What do other members of your family think? Did you change your opinion?

Add your work to the Home Mission portfolio.

One person living in an environmentally friendly way doesn't make a difference.

QUIZATHON!

What do you think? Research the answers.

1 Use *a lot of, a few, some, many.* Ask your family to estimate:

How many plastic bags ...

- they used last week.
- they re-used last week.
- they threw away last week.
- 2 Keep a record for next week and complete the table below:

| | How many plastic bags | | |
|-----------|-----------------------|--------------------|------------------------|
| | did you use? | did you re-use? | did you throw away? |
| Monday | | | |
| Tuesday | | | |
| Wednesday | | | |
| Thursday | | | |
| Friday | | | |
| Saturday | | | |
| Sunday | | | |

CONFIDENCE BOOST

Don't worry what other people do, You can only control what you do. Start with something small and very soon, If everyone follows you, The world will be as good as new.

WINDOW TO THE WORLD



The Maldives is a group of little islands in the Indian Ocean. In October 2009, its government had a meeting and it was under water! The sea levels are rising and people are very worried that the sea will cover their homes. For many people, climate change causes bigger storms and changes in the weather. But for people in the Maldives, climate change could mean that they lose their homes!

What do you think?

- 1 How did they talk during the meeting?
- 2 For how long can you hold your breath?





Feeling it

'I'M BORED!' 'THAT'S GREAT NEWS.'

Another very busy week! Monday: swimming, Tuesday: I have to go to football practice, Wednesday: homework club, Thursday: I should go to my friend's party, Friday: Mum's birthday, Saturday: I have to play in the match, Sunday: I need to stay in bed!

Is that a normal week for you, too? Do you always feel that you have to keep busy? Do you ever feel, well, bored?

Because we are so busy, we think that being bored is a bad thing. We think that if we feel bored, we should be doing something. We don't like that feeling of time passing, v e r y s l o w l y. Where, ... one ... minute ... feels ... like ... one ... hour.

However, scientists say being bored is very good for the brain. Think about it.

When you're bored, what do you do? Don't say 'nothing' because that's not true. You probably daydream, or doodle; generally just let your brain float away.

Do you watch your little brother or sister play? Do they pretend they're an astronaut who has lost control of their spaceship? Or an explorer saving the life of a dangerous dragon? Or a superhero saving the universe from that same dragon? These are all examples of imaginative play. In each example, the children are solving a (very big) problem. This is really good practice for being an adult. Engineers spend their time fixing problems, doctors try to find out what is making a patient sick, and superheroes need to find ways to save the world. It's good to let your imagination float away and if you're bored, it should be easy.

So, if you have nothing to do, just sit and enjoy the moment.

Find the words in the text that mean:

A Think about nothing in particular:

Draw patterns and pictures just

- **D** Opposite of safe:
- E The part of the brain that can think about things that are not real:



C Opposite of sink:

for fun:

В

Home Mission

Ask three people in your family the following questions:

- 1 When was the last time you:
 - went jogging?
 - went on a diet?
- 2 How do you keep fit?
- 3 What do you do to reduce your stress?

Add your work to the Home Mission portfolio. 5 What happened?

- 4 Can you remember the last time you had these emotions?
 - amazed
 - relaxed
 - annoyed
 - bored

CONFIDENCE BOOST

Take your time, there's time for everything.

Time to eat and time to study, time to watch the snowflakes fall.

Time to swim and time to play, time to do what you want.

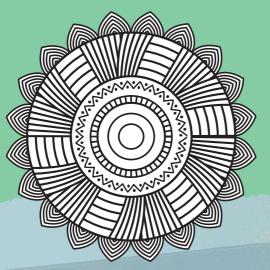
Time to sit and think, time to colour in, and time to be bored.



WINDOW TO THE

Have you seen patterns like the one below? They have become very popular with adults (and children). Modern life can be very busy, especially in cities: lots of noise, traffic, people everywhere. Just sitting, colouring, not thinking about anything, sounds nice, doesn't it? It's very relaxing. Why don't you try it? See if anyone in your family wants to join you.

Get some pencils, ask your family to join you and start colouring. Take your time and don't think about anything. Careful, once you start you won't be able to stop!



QUIZATHON!

Remember, feeling bored can help you be more creative. Here's a collection of strange questions. Just answer what feels right.

- Do you think you are more like a square or a circle?
- 2 How many uses can you think of for a paper cup?
- 3 What do you think flowers talk about?
- 4 What might happen if all the computers stop working at the same time?
- 5 Can you play tennis with a square ball?
- 6 Imagine you can talk to animals. What will you ask them?

And now, how do you feel? Still bored? Relaxed? Amazed? ... Next time you feel bored you can think about questions like these!



HISTORY IS NOW

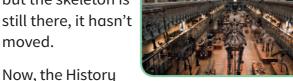
Did you use to get bored when your parents took you sightseeing? That's OK, it's normal. But maybe these glasses will make it more exciting. Put them on and let's try something new!

First stop, the Natural History Museum. You walk through the doors and see a huge skeleton of a blue whale, but wait, what's happening? It's moving! It's real! It's in



the water. Suddenly, you see its huge body jumping out of the water and, now, you're

very wet. You take off your glasses but the skeleton is still there, it hasn't moved.



Museum. Look at that huge block of stone that used to be part of the pyramids in Egypt.

Think about these questions:

- **1** Would you rather go to a museum using these glasses or go to an amusement park? Why?
- 2 Can you think of any things or places you'd like to see using these glasses?

Home Mission

Read the statement and make two lists:

- **1** I agree with the statement because:
- **2** I disagree with the statement because:

Spend five minutes writing down as many reasons as you can for both sides of the argument. What do other members of your family think? Did you change your opinion? Now that we have all the information we need on the Internet, we don't need museums any more.

How did they move something so big and heavy? Hey, who are all these men? What are they doing? Let's use the glasses and find out. There are lots of men. They're pulling the stones through the sand. They haven't got any machines. The first man is splashing water on

the sand. Why? Ah, it's easier to pull the stone on wet sand than on dry sand. It looks like very hard work.



Maybe a little art? Look, possibly the most famous painting in the world: the *Mona Lisa*. Who's that? It's Leonardo da Vinci and he's painting the *Mona Lisa*. Let's get closer. Hmm, he doesn't look happy. What's the problem? Oh, look, he's painting over the smile, he's doing it again. He wants it to be perfect.

What do you think? Would that make sightseeing more interesting for you? Well, it's probably not too far in the future.

Add your work to the Home Mission portfolio.

WINDOW TO THE WINDOW TO THE

Do you think art galleries are not very exciting? What about if you had to swim underwater to see the exhibits? That museum exists. It's called MUSA and is in Mexico. The sculptures and the whole collection is eight metres underwater. The idea of the museum is very simple: see statues of people doing normal things in a very unusual place – underwater. All the statues are covered by seaweed. This makes the museum feel very strange; it's like time has stopped.

Find out about these museums. Would you like to visit them? Why or why not?

- The Gnome Reserve, Devon, UK
- The Wallpaper Museum, Rixheim, France
- Museum Cemento, Rezola, Spain

QUIZATHON!

Find out a little about what people used to do in your town.

- 1 Find two big buildings that used to be something different.
- 2 Where did people use to go for a walk one hundred years ago?
- **3** Where did people use to go shopping one hundred years ago?
- 4 Does your town have a cinema now? Did it use to have one a hundred years ago?



CONFIDENCE BOOST

There's a whole wide world out there. Maybe I'll get to see it one day. It's a thought that's not so rare. Maybe there is a way, one day. But if you close your eyes, You can see the whole world in your head.

And you can do it every day! You'll see it's a fun way!



Lights, camera, action!

ANIMATION

When we look around, we see people moving, we see cars driving past, so why are we so amazed by animation?

How does animation work?

When your eye sees something, it holds on to the picture for much less than a second and then looks at the next one. If you see lots of pictures, one after the other very quickly, then your poor brain gets confused. It thinks the pictures are moving. Wave your hand as quickly as you can in front of your face. What do you see? Try it in front of a TV screen. Now what do you see?

How many frames do you need to make a movie?

Now let's do some maths. To confuse your brain you need 24 separate pictures every second. That's fast. That means that an artist needs to draw 24 slightly different pictures to get one second of animation.

To get an idea of the speed, see how fast you can tap your finger on the table. Maybe around ten times a second? Try it: search for 'Click-speed test' online.

Getting things right

If you're making a movie with hundreds of thousands of frames, then you don't want it to be full of mistakes. Movie studios spend a lot of time talking about only a few seconds of work. (Remember, one second is 24 pictures.) If they have to start again, they will. For example, every morning at the Pixar studios they watch the animation from the day before and discuss how to make it even better. This means that a lot of the pictures the artists draw aren't used.



It's a hard lesson to learn, but you're not throwing away everything you learnt, you're using it to make something even better.

Think about it a little. The animators are drawing very complicated scenes with lots of characters and movement. Each picture takes a lot of work to change.

How many pictures does an artist need for one minute? (Hint: multiply seconds in a minute by 24.)

| 1 second = 24 pictures | | | | | |
|-----------------------------------|----------|--|--|--|--|
| 1 minute (60 seconds) = | pictures | | | | |
| 60 minutes = 86,400 pictures | | | | | |
| 90 minutes = pictures (Can you do | | | | | |
| this one without a calculator?) | | | | | |

Make your own animation

Get a fairly thick book and in the bottom corner draw your animation frames, for example, a dog chasing a cat. Then as you flick through the pages, the animation will come to life. Or maybe you can create your own animation on a computer?



Home Mission

If you were a movie star ...

Ask your family:

- 1 What kind of movies would you make?
- 2 Would you like photographers taking pictures of you?
- 3 Would you have your house redecorated or would you buy a bigger house?
- 4 Would you still have the same friends?
- 5 Would you make movies in English?

Add your work to the Home Mission portfolio.

WINDOW TO THE

You've definitely heard of Hollywood, you may have heard of Bollywood – the Indian film industry – but have you ever heard about Nollywood – the Nigerian film industry?

Hollywood makes the most money and its films are popular all over the world, but Nollywood makes more films and its heroines and heroes are often more famous than Hollywood stars throughout Africa. In the past, the quality of Nollywood films wasn't very good, but they were very cheap for people to buy. Now, the quality is getting a lot better with better performances from the actors and more money spent on the scenes.

Now think about these questions:

- **1** Does your country have a big film industry?
- 2 Do you like films made in your country?
- 3 Are they popular in other countries?
- 4 When was the last time you went to the cinema to watch a film made in your country?



Use the Internet and find out what these jobs in the film industry are:

- 1 gaffer
- 2 boom operator
- 3 best boy
- 4 data wrangler
- 5 prop maker

Would you like to do any of these jobs?



CONFIDENCE BOOST

Fall down seven times, get up eight.

What do you think this means? Is that what you do?



In style

Avoiding repetition in a diary entry

1 Read Alex's diary entry. What did she buy?

jumper

Pro-

AN INCOMENT

-

and the second

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CAN BE SHOW

Contraction of the local division of the loc

Canal Section of Section 1

1.0000

trainers

| swimsuit |
|----------|
| T-shirt |

| tracksuit |
|------------|
| sweatshirt |

14 4 A

SATURDAY

I had a great day with Dad. This morning **we** walked into town and went shopping for some new clothes for my birthday. I bought a tracksuit and some trainers. The tracksuit is like my old **one**, but **it**'s two sizes bigger because I've grown so much in the last three months. My feet are growing too; that's why I wanted some new trainers. The trainers are really cool. I saw **them** on the Internet but they were cheaper in the shop :). Dad wanted to buy me a jumper, but I didn't like the pattern on **it**.

5 it

In the afternoon we ...

Read the diary entry again. What do these words refer to?

it

them

3

4

| we | |
|-----|-----|
| one | |
| | one |





Future Technology

Using commas in an advert for a new app

Read the advert for a new app. Do you want to use it?

Woof! Woof! Talk to your dog

Incredible woofing translation into six languages!

Have you got a pet dog that you'd like to talk to? Then this fantastic app is for you! *Woof! Woof!* will change your life _____ and your pet's _____ forever!

When your dog starts to bark $_$

turn on the app and press

the microphone. The app instantly translates the barking _____ and you'll see your pet's message on the screen in English _____ French _____ Spanish _____ Chinese _____ Arabic and Italian.

Coming soon!

You'll soon be able to talk back to your dog. If you write a short message on the screen then press WOOF _____ your phone will bark at your dog.

Answer the question

about the advert.

What does the app do?

WRITING TIP! Punctuation – when to use commas Use commas:

1 in lists

,

- 2 to separate clauses
- 3 to mark off extra information in a sentence

Add the commas in the advert. Which rules do they follow?

3 to mark



| SPELLING TIP! Possessive apostrophe singular nouns +'s See your pet message on the screen. plural nouns (ending in s) +' His pets names are Floss and Molly. plural nouns (not ending in s) +'s Those are the children pets. singular proper nouns ending in s +'s It's James new app. Read and find examples of persuasive language in Exercise 1. It's important to think about the style of language you use, depending on why you are writing. The language in ads should be persuasive. Here are some tips for writing persuasively: ask questions exaggerate use adjectives and adverbs Solvrite sentences to advertise your app. Ask questions Exaggerate Use adjectives and adverbs Write an advert for your app in your notebook. Check your partner's advert. Would you like to use the gap? | singular nouns + 's s plural nouns (ending in s) + ' H plural nouns (not ending in s) + 's T | See your pet message on the screen. |
|---|--|---|
| plural nouns (ending in s) +' His pets names are Floss and Molly. plural nouns (not ending in s) +'s Those are the children pets. singular proper nouns ending in s +'s It's James new app. Read and find examples of persuasive language in Exercise 1. It's important to think about the style of language you use, depending on why you are writing. The language in ads should be persuasively: ask questions exaggerate use adjectives and adverbs Write sentences to advertise your app. Ask questions Exaggerate Use adjectives and adverbs Write an advert for your app in your notebook. Check your partner's advert. | plural nouns (ending in s) + ' H plural nouns (not ending in s) + 's T | His pets names are Floss and Molly. |
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| exaggerate use adjectives and adverbs Write sentences to advertise your app. Ask questions Exaggerate Use adjectives and adverbs Write an advert for your app in your notebook. Check your partner's advert. | | |
| use adjectives and adverbs Write sentences to advertise your app. Ask questions Exaggerate Use adjectives and adverbs Write an advert for your app in your notebook. Check your partner's advert. | ask questions | |
| 5 Write sentences to advertise your app. Ask questions Exaggerate Use adjectives and adverbs 6 Write an advert for your app in your notebook. 7 Check your partner's advert. | • exaggerate | |
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| Ask questions Exaggerate Use adjectives and adverbs Write an advert for your app in your notebook. Check your partner's advert. | Write sentences to advertise your a | nn |
| Exaggerate Use adjectives and adverbs Write an advert for your app in your notebook. Check your partner's advert. | | PP. |
| Use adjectives and adverbs Write an advert for your app in your notebook. Check your partner's advert. | ASK questions | |
| Write an advert for your app in your notebook. Check your partner's advert. | Exaggerate | |
| 7 Check your partner's advert. | Use adjectives and adverbs | |
| | 6 Write an advert for your app in your | r notebook. |
| | 7 Check your partner's advert. | |
| | Would you like to use the app? | |
| Correct the spelling and punctuation. Focus on the use of commas and possessive apostro | | ocus on the use of commas and possessive apostron |

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Jim-nastics

Using headings for sports rules

1 Look at the words. How do you play these sports?

basketball baseball football

Read the instructions. Which sport are they for?

1 This sport is played by two teams. Each team has five players on the court. 2_ A team scores points by throwing the ball into their basket. 3 The court is a rectangle with a basket at each end. It's divided into two main parts. Baskets are ten feet off the ground. 4_ The game starts with a jump ball in the centre of the court between one player from each team. 5_ • Teams shoot into a basket at one end for the first half and switch ends for the second half. • The ball can only be touched with the hands, either by bouncing it on the floor (dribbling), or by throwing it to team mates. 6___ Points are scored when the ball goes through the basket: • points for a throw from outside the 3-point line • points for a throw from anywhere else • point for a free throw Write the headings in the correct places.

Object

Basics

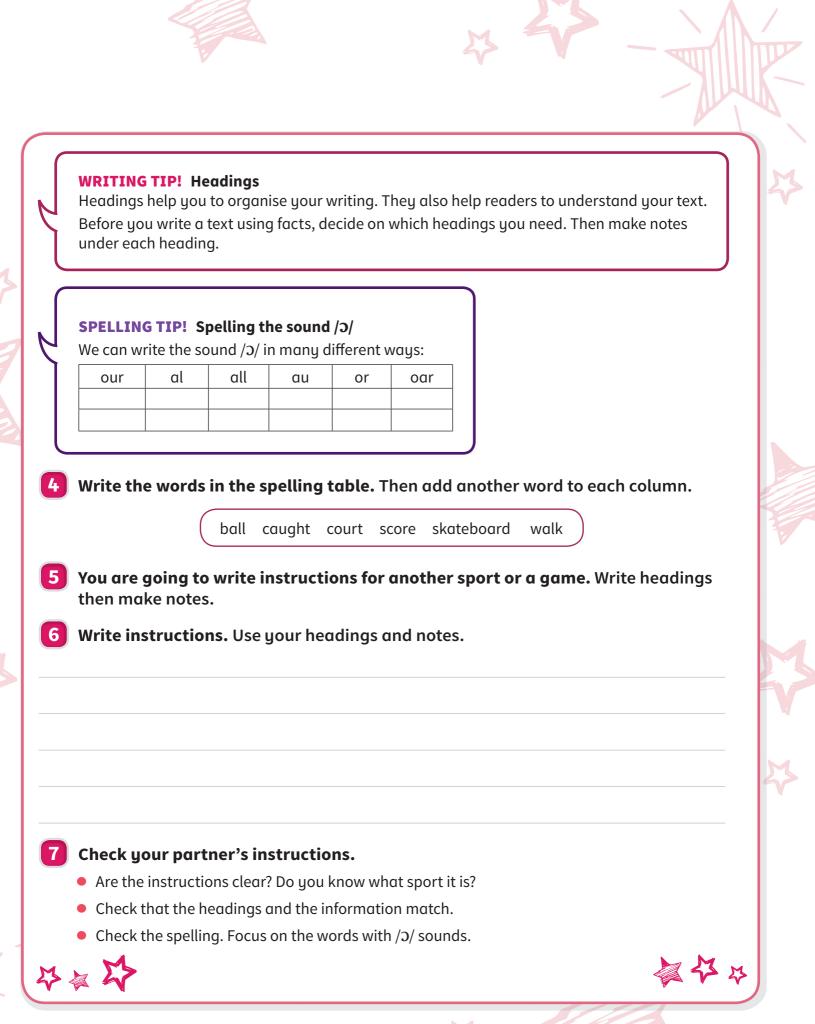
Scoring

Rules

₹ **7** 7

Starting play

Playing area





Be careful!

Writing paragraphs in an email about an accident

1 Have you ever broken an arm or a leg? What happened?

2 Read Harry's email and answer the questions.

- **1** When did Harry break his arm?
- 2 How did he break it?
- **3** Is it still in a cast?

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Hi José!

How are things? I hope you're OK and that you're having a good summer. I'm sorry I haven't written for so long, but I had a little problem.

On the first day of the holiday I had an accident. We were preparing our things to drive to the beach. Mum and Dad were in a hurry, and I wasn't ready. My suitcase was on the floor in the middle of the room. I was looking for my swimsuit when I fell over my suitcase and I broke my arm. It was a terrible start to the holiday!

Having a broken arm was awful. I couldn't go swimming in the sea, it was impossible to ride my bike, and I couldn't kitesurf or go sailing. It was boring.

Tomorrow is an exciting day. That's why I look happy in the photo. They're taking off the cast – I hope! Then we're having a picnic to celebrate. It will be great!

Please write and tell me about your holiday,

Harry

3 Read the tip and highlight the topic sentences in the other main paragraphs.

WRITING TIP! Writing paragraphs

Look at the highlighted sentence. It's the topic sentence of the paragraph. It gives the main idea of the paragraph.

Where do topic sentences normally go?



₹44

| 7 | SPELLING TIP! Homophones There are many words in English that sound the same but are spelt differently. You have to learn the two spellings. For example : break / brake |
|---|---|
| | your / there / eye / hour / right / |
| | You are going to write an email to a friend about an accident you had. It can be real or imaginary. Write notes and topic sentences for each paragraph and then write the email. |
| | |
| | |
| | |
| | |
| | |

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Fun foods

Using rhythm and rhyme in a food poem

1 Read the poems. Which do you like best? Why?

Vegetables are good for me, Cabbage, beans and broccoli, Peppers, peas, mushrooms too, Vegetables are good for you.

Vegetables are good for me, Cabbage, beans and broccoli, Mum says that five a day, Will keep me fit in every way.

2

Vegetables are good for you if you Eat them every day. Grill them, boil them, Eat them fresh, They keep you fit, And healthy. Brown, red, orange or green, with Lots of vitamins. Except I prefer Sweets!

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WRITING TIP! Poetry

When you write a poem, it's a good idea to:

- choose a topic and brainstorm words and phrases first
- use a dictionary to find more words
- leave gaps and then go back to complete them
- you can make words rhyme at the end of lines
- you can make the first letter in each line spell a word (this is called an acrostic poem)



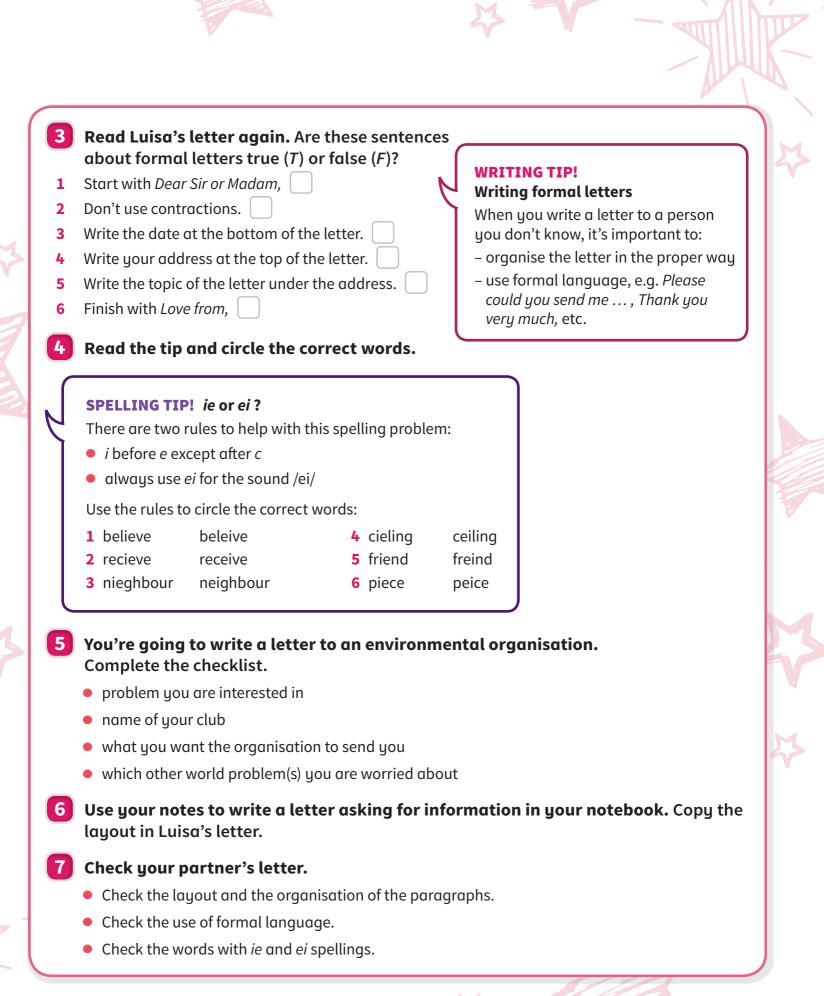
| 🕘 Read t | he tip and highlight the silent letters in the words. |
|--|---|
| | |
| | ING TIP! Silent letters |
| | vords in English have silent letters. Silent letters are letters that you write but you ay. Which letters are silent in <i>vegetables</i> ? |
| Rules | |
| | e some useful rules about silent letters: |
| Silent k | |
| Silent e Silent <i>I</i> | 51 |
| Silent k | 1 5 5 |
| Silent <i>l</i> | |
| | |
| | lamb salmon honest knife cabbage lemonade hour half |
| Mun | oem |
| Topic: | oem |
| Topic: Type: | rhyming acrostic shape poem |
| Topic: Type: | |
| Topic: Type: | rhyming acrostic shape poem |
| Topic: Type: Words o | rhyming acrostic shape poem and phrases: |
| Topic: Type: Words of Use th | rhyming acrostic and phrases: e list to write the poem in your notebook. Write it again neatly. |
| Topic: Type: Words of Use th Chec | rhyming acrostic and phrases: e list to write the poem in your notebook. Write it again neatly. k the spelling and pronunciation. |
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| Topic: Type: Words Words Use th Chec Use c High Read y | rhyming acrostic shape poem and phrases: e list to write the poem in your notebook. Write it again neatly. k the spelling and pronunciation. a dictionary to help you fill the gaps. light the words and phrases you like best. |



Environmentally friendly There's a lot of litter in Writing a formal letter asking for information the streets and the fields. **1** Which environmental problems are there where you live? **Read the letter.** Put the parts in order. Then answer the questions. a f Luisa Gonzalez Urion 30, Col Atlatilco. 02860 Mexico, D.F., b Mexico March 27 **C** g Thank you very much for your Sincerely yours, help. I look forward to receiving the information from you soon. h I am organising a club in my d 1101 15th Street NW. neighbourhood, The Green Group, and I would be grateful if you could Washington, DC 20005, send me some information about **United States** recycling that will help me to explain the problem to my friends and e neighbours. Please could you send me some information on different recycling programmes? I would also like some other ideas on things that our club Dear Sir or Madam. can do to help save the planet. I am very worried about the terrible problem of rubbish in the oceans. What is *The Green Group*? 1 What does Luisa want? 2 3 Which environmental issues does Luisa write about?

2 **4** 4







Feeling it

N)

Using adjectives and adverbs in a story

- Look at the photo and imagine a story. What happened before and after it was taken?
 - **Read the story.** Is it similar to yours?



Harriet's skateboard

It was *a beautiful* Saturday morning. 'What a wonderful day to go skateboarding!' Harriet thought.

She ran inside and asked her mum if she could go out. Her brother, Dan, was playing a video game in the living room. 'Don't forget your helmet,' he shouted. 'Big brothers are a pain!' she thought. She knew she should wear a helmet, but she didn't know where it was.

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Harriet jumped on her skateboard and rode down the pavement. The neighbour's dog ran out from behind the bushes. Harriet turned to miss it and crashed into a tree. 'Ouch!!' Her right knee hurt so badly that she started crying.

Dan came running down the street. 'Don't panic!' he said. 'Breathe deeply and calm down.' He helped her stand up. 'Let's get you home,' he said as he picked up her skateboard.

Harriet's knee ached as she walked back home with Dan, but she was smiling. 'Big brothers aren't such a pain after all,' she thought.

WRITING TIP! Describing details

Using adjectives and adverbs to describe details makes stories more interesting.

Example

It was Saturday morning.

It was a **beautiful** Saturday morning.

Read the story again and add these words.

a beautiful annoyingly happily suddenly quickly kindly carefully terribly



Read the tip and add adverbs to the sentences.

SPELLING TIP!

4

Forming adverbs from adjectives ending in -e, -y, -le and -l

| Rule adjectives ending in | Adjective | Adverb |
|------------------------------|-----------|--------------------|
| -e → + ly | positive | positive ly |
| - y → -y + ily | happy | happ ily |
| -le → -le + ly | terrible | terrib ly |
| -l →+ly | careful | careful ly |

1

2

- **1** [strange] It was quiet in the house when he opened the door.
- 2 [hopeful] He said hello but there was no answer.
- 3 [miserable] She looked at the broken skateboard.
- 4 [angry] He shouted at the owner of the dog.

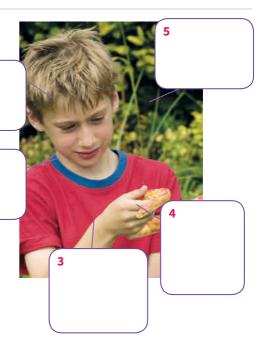
5 Use the photo to invent a story. Take notes.

- **1** Title:
- **2** Describe the boy (name, family, likes, etc.)
- 3 What happened before?
- 4 What's happening in the photo?
- 5 What happened afterwards?

6 Use your notes to write the story in your notebook.

Read your partner's story.

- How similar is it to your story?
- Suggest adjectives and adverbs to add.
- Check the spelling, focusing on the adverbs.





Pretty cities

Writing complex sentences in a travel blog



Read Lewis's blog entry.

Words from around the world

My name's Lewis and I'm from New Zealand. I'm on a world trip with my family. We're visiting five continents and 17 countries in a year.

Lewis The Niagara Falls

This month we're visiting the United States. Right now, we're at Niagara Falls on the border with Canada. It's one of the biggest waterfalls in the world, but it isn't the highest. That's the Angel Falls in Venezuela.

Photos

There are three waterfalls here. The largest is the Horseshoe Falls. The falling water is so noisy that you can hear it long before you see it. At the highest point the water falls 176 feet and the spray goes everywhere. When you stand near the falls, it feels like it's raining.

The only two bad things about Niagara Falls are the crowds and the mosquitoes! You'll never guess how many tourists visit every year. More than 30 million. About five million people live in New Zealand, so that's six times as many!!

Nowadays, you can't swim or go near the falls, but it didn't use to be impossible to do these things. The guide on our river cruise told us about two amazing firsts. In 1859, a Frenchman, Blondin, walked across the falls on a tightrope. Then in 1901, Annie Edson Taylor, a poor 63-year-old teacher, went over them in a wooden barrel because she needed some money.

WRITING TIP! Complex sentences

It isn't good style to write lots of short sentences.

You should join short sentences to connect ideas using these linking words: *and, because, but, or, so ... that.*

Example

The falling water is very noisy. You can hear it long before you see it. The falling water is **so** noisy **that** you can hear it long before you see it.

Highlight the other sentences with linking words in the blog.





3 Complete the table with the words in the box.

box country guess half journey life mosquito

| SPEI | SPELLING TIP! Plural nouns | | | | | | |
|------|----------------------------|----------------|----------|--------|--|--|--|
| | Nouns ending in | add | singular | plural | | | |
| 1 | -s -ch -sh -x | + es | | | | | |
| 2 | consonant + -y | - y + -ies | | | | | |
| 3 | vowel + -y | + s | | | | | |
| 4 | -f -fe | - f - fe + ves | | | | | |
| 5 | 0 | + es | | | | | |

Can you find an exception to Rule 5 in the blog?

Choose a famous place you have visited (or would like to visit) and complete. You may need to do some research.

- Place:
- Country:
- Why famous?
- Number of visitors a year:
- Description:
- Interesting facts:

5 Use your notes to write a blog entry in your notebook. Imagine that you are visiting the place now.



- Would you like to visit the place that your partner wrote about?
- Are there any short sentences? Can you suggest how to join them?
- Check the spelling, focusing on plural forms.





Lights, camera, action!

Organising ideas in a film review

Read the film review and complete the notes.

New Save Print

Coco Computer-animated cartoon, 2017

The film, *Coco*, tells the story of Miguel, a Mexican boy who wants to be a musician like his hero, Ernesto de la Cruz. Miguel's big problem is that his family hates music and no-one can play or listen to it in their house. But Miguel doesn't give up on his dream.

One day, **after** finding a magical guitar, Miguel travels to the Land of the Dead. It's an exciting place, and he meets many dead people from his family there, including his great-great-grandmother. **While** he's there, he makes a friend, Hector. Together they have some amazing adventures and **in the end**, they find out Miguel's family secret.

My favourite character in the film is Hector because he's so funny. **At first**, he only helps Miguel because he wants Miguel to help him, but **after that** he becomes a good friend.

For me *Coco* is a great film and I'd certainly recommend it. I loved the music and it was also interesting to learn more about Mexico and the Day of the Dead. If you haven't seen it yet, watch it soon with your family and friends!

244

WRITING TIP! Organising ideas

When you write a review of a film, it's important to organise your ideas clearly in paragraphs.

It's also important to use sequencing words to say when things happened.

These sequencing words and phrases are in the review:

after



