



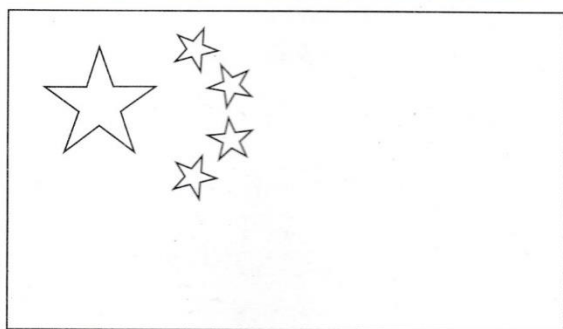
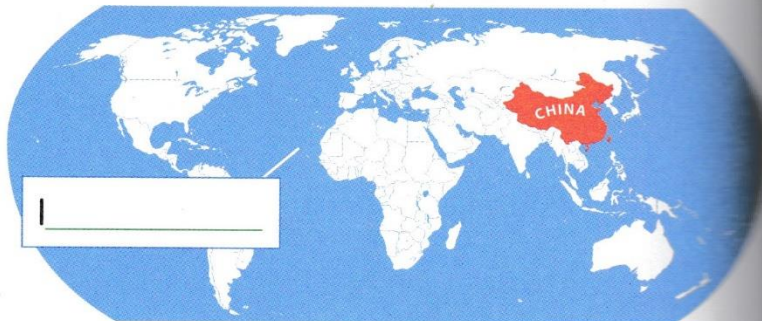
Country Fact File: China

New Words

bamboo structure watchtower invented Shanghai congee chow mein

China is a huge country. It has more people than any other country on Earth.

- A** Write Ireland and draw an arrow to it on the map. Colour the Chinese flag.

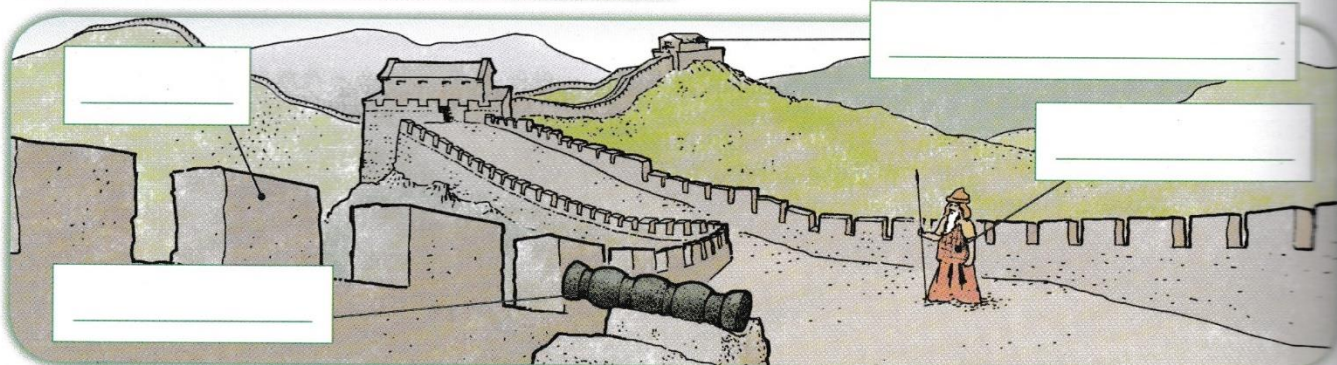


Colour the stars yellow.
Colour the background red.

- C** Label the Great Wall of China.

The Great Wall of China is the longest structure ever built. It was built many years ago to protect China from enemy attacks. The widest part of the wall is about 9 metres. The highest point of the wall is about 8 metres.

cannon wall watchtower soldier



- B** Write about the panda.

patch
eyes
fur
black
white
bamboo



A panda has _____

D Write two facts about China.

1. _____
2. _____

Hot History

The Chinese invented the wheelbarrow. It was very useful when building the Great Wall.

E True or false? Ring the correct answer.

- | | | |
|---|------|-------|
| 1. A panda's favourite food is bamboo. | True | False |
| 2. Very few people live in China. | True | False |
| 3. The Chinese flag has four stars. | True | False |
| 4. The Great Wall is up to 9 metres tall. | True | False |

F Read about the life of a Chinese boy. Fill in the table.

My name is Bao-Zhi and I am eight years old. I live in Shanghai, which is a big city in China. I live in an apartment with my parents. I wake up at 6.30 a.m. I eat congee (rice porridge) for breakfast. I start school at 7.30 a.m. My favourite subject in school is geography. We have two hours for lunch. School ends at 3.00 p.m. I love to play sport, especially ping pong. My favourite dinner is spring rolls and pork chow mein. Tiaoqi (checkers) and xiangqi (chess) are board games I love to play.



Name:	Bao-Zhi
Time school begins:	
Time school ends:	
Length of lunch break:	
A board game I like:	
A sport I like:	
Food I like:	
Number of people in my family:	

G Write two differences between your life and Bao-Zhi's life.

1. _____
2. _____

H Write the missing words. Use the word box.

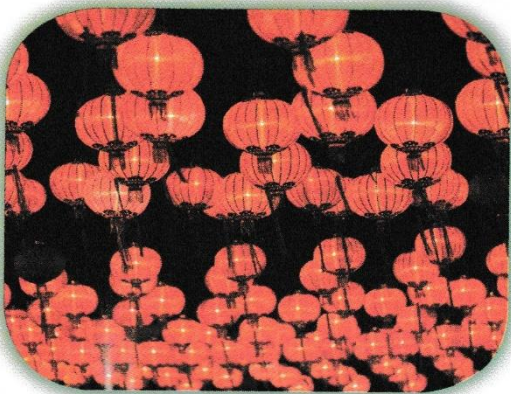
Chinese New Year is a time when families get together to c _____. The Chinese New Year lasts for f _____ days. In the days coming up to New Year, every family buys presents, decorations, food and new clothes. People have their h _____ cut.

Many special traditions are followed at New Year. One tradition is the dragon dance, where people in a d _____ costume twist and prance through the streets.



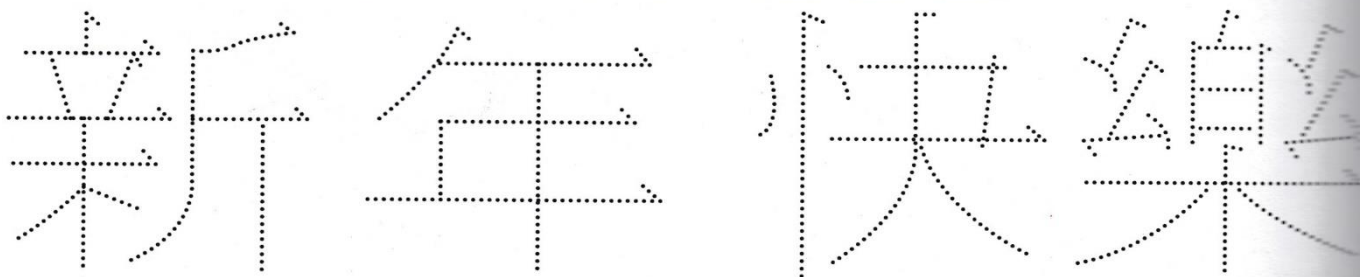
fifteen
bad
red
good
celebrate
envelopes
lanterns
dragon
hair
decorations

Houses are cleaned from top to bottom. The idea is to sweep out any _____ luck from the old year and clear the way for _____ luck. Doors and windows are often newly painted in the colour _____, and families put lights up outside their homes. On New Year's Eve de _____ made from red and gold paper are put on the doors to bring good luck.



Children get red e _____ filled with money. These are called hóng bǎo. Red is a lucky colour in Chinese culture.

On the last day of the celebration, when the full moon rises, there is a lantern festival. Thousands of l _____ made from silk and paper twinkle in the sky.

I Trace the dots to write Happy New Year in Chinese.



New Words

engineer developed contact film conversation expensive separate recharged

A Letter Home

Here is part of a letter written by John Burke to his mother in 1968. John was an engineer and had just moved to Lusaka for work. Lusaka is the capital city of Zambia in Africa (Dublin is the capital city of Ireland). This was John's first letter home.



Dear Mother,

I hope this letter finds you well. I arrived in Lusaka last week after a very long journey. It is a new city, with building sites everywhere. It's no wonder they need engineers. I start work tomorrow on building the Lusaka Water Supply Scheme. The city badly needs a good supply of clean drinking water. The day after I arrived, we took a trip to see the amazing Victoria Falls. The noise of the water-fall is really loud. I took some photos with my new camera. I will send you some when I get them developed. . . .

Hot Geography

Mosi-oa-Tunya in Zambia is one of the largest waterfalls in the world. It is also known as Victoria Falls. Mosi-oa-Tunya means 'the smoke that thunders'.



A Think about John's letter. Answer these questions in your copy.

1. John was in Africa in 1968. He contacted his mother by writing a letter. Write a list of ways that John could contact his home in Ireland if he was living in Africa today.
2. John got his photos 'developed'. He took a roll of film out of the camera and brought it to a camera shop that printed the photos. He collected the photos one week later. The photos were black and white. Then John posted the photos to his mother. Write about how John could send photos home today.

Phoning Home

Joan Murphy left Dublin in 1988 to get a better job in New York in the United States of America (USA).



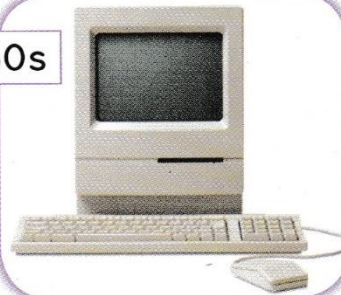
- B** Listen to the phone conversation between Joan and her father. Use the word box to write the missing words.

letter week office lives birthday computers

1. Joan _____ in New York.
2. She has a job in an _____.
3. Joan phoned because it is her brother's _____.
4. Phoning during the _____ is expensive.
5. Her office has just bought some new _____.
6. Joan is too busy to write a _____ home.

- C** One of these computers is from the 1980s, the other is from 2015. Use ✓ or x to complete the table.

1980s



2015



	1980s	2015
1. Small and light	x	✓
2. Big and heavy		
3. Has a mouse		
4. Has a separate keyboard		
5. Can be recharged		
6. Can be carried in your bag		
7. Needs to be on a desk or table		
8. Has computer programs		

Getting started

If a bird sits on its nest, will it break the eggs under it? Are eggs very easy to break? In this experiment we will see that nature is very good at making strong things out of very light materials.



Helpful Hint

It is best if this **experiment** is done over a sink or basin... just in case!

A. Check what you will need.

Find the word in the box.
Write it under the correct picture.

egg hand finger thumb



Setting the scene: In this lesson, the children will explore the structural strength of a raw egg. They will find that this seemingly delicate structure is surprisingly well designed for its job of protecting young chicks as they develop inside the egg.

Make sure that no jewellery is worn on any hand that squeezes an egg as this could cause the shell to break. Ensure also that the egg to be used in the experiment has no cracks in its shell.



Experiment Time!

B. Look at the pictures and fill in the blanks.



1. Ask your Mam or Dad to give you an _____
(egg / carrot / cup)

2. Hold the egg in your _____
and squeeze it with all of
your _____
(fingers / hand)

Helpful Hint

Make sure nobody cheats by digging into the eggshell with fingertips. You should be able to encourage the children to squeeze the egg as hard as they like. It may be better to do this as a demonstration lesson in class. The children could then do it at home with their parents.

C. Prediction

What do you think will happen when you squeeze hard on a raw egg using your whole hand?

Now do the experiment.

Squeeze the egg and see can you break the shell.



D. Write Yes or No beside each sentence.

1. Did the egg break when you squeezed it with your whole hand? _____
2. Did anyone in the class break an egg by squeezing it? _____
3. Did you think that this was going to happen? _____
4. Even though they are very light, do you think that eggs have strong shells? _____

E. Experiment result

1. Why do you think it is a good idea for eggs to have strong shells? _____



caracal



chestnut



lobster



tortoise

FACT BOX 1
Eggs have tough shells. Lots of other plants and animals in nature have a tough outside too.

Setting the scene:
Skill: Prediction
It might be a good idea to take a note on which method might be more likely to break the eggshell.

Skill: Experimentation
The children should be encouraged to carry out the test carefully as a dropped egg makes a mess.

Skill: Observation / Analysis
There may be some surprise at the outcome of the test. This could lead to reflection on how well designed the eggshell is and why this is important for young creatures while developing inside the egg.



EXPERIMENT RECORD

Draw your experiment. Using the **wordbox**, label your drawing.

WORDBOX
egg
finger
hand
thumb

Make a list of what you used in the experiment.

1. _____
2. _____
3. _____
4. _____

FACT BOX 2
Tough outer coatings are found abundantly in nature. They protect whatever is inside them, be it a seedshell, seed or animal. We humans also need protective casings for parts of our bodies.