

Vocabulary 1

Science

- 1 ★ Find seven science words in the wordsnake. What word do the other letters spell?

battery cure vaccine a clone disease satellite dna

The other letters spell: _____

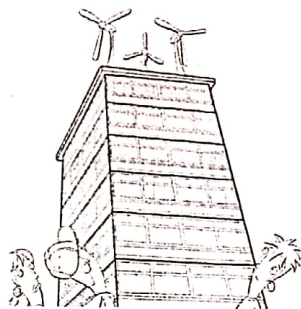
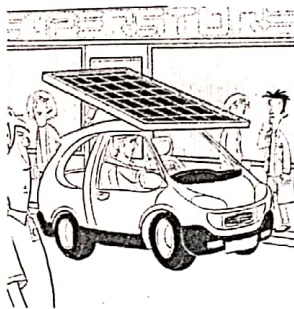
- 2 ★ Circle the correct words.

The police sometimes use (DNA) / clone tests to catch criminals.

- 1 The satellite / battery on my mobile phone is running out!
- 2 You can watch programmes from other countries on satellite / planet TV.
- 3 We've got solar turbines / panels on the roof of our house.
- 4 Scientists believe they will find a disease / cure for cancer in the future.
- 5 In 1996, scientists made the first vaccine / clone of a mammal.

- 3 ★ Match 1-4 with a-d. Which one do you write as one word?

- | | |
|------------------------|------------|
| 1 solar | a) crops |
| 2 wind | b) turbine |
| 3 space | c) panel |
| 4 genetically modified | d) craft |

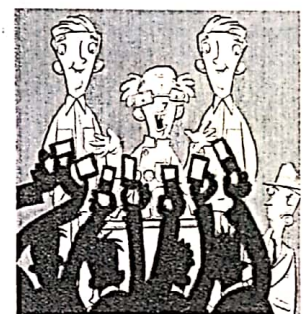
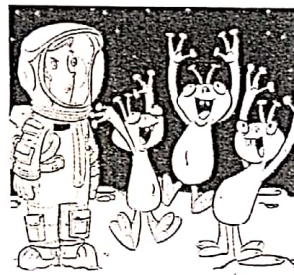


- 4 ★★ Match 1-5 with the words in the box.

clone cure disease spacecraft
genetically modified crops vaccine

Doctors put this in people's bodies to stop them getting serious illnesses. vaccine

- 1 Something that treats an illness successfully. _____
- 2 An exact copy of a person or animal. _____
- 3 Plants that scientists change artificially. _____
- 4 Astronauts can travel to the Moon in this. _____
- 5 This makes people and animals sick. _____



EXPRESS YOURSELF

- 5 ★★ Write sentences about your opinions. Use words in exercises 1 and 3.

I don't believe spacecraft can travel to
other planets.

I believe scientists can find a cure for cancer.

- 1 I believe _____.
- 2 I don't believe _____.
- 3 I believe _____.
- 4 I don't believe _____.

Grammar 1

will / won't

1 ★ Rewrite the verbs using short forms.

We will win the match.

We'll win the match.

1 You will not miss the bus.

2 They will do the washing-up.

3 Mum and Dad will not be angry.

4 I will tell you a secret.

5 He will not finish his homework.

2 ★ Look at the pictures and write sentences about Billy's future.



go to university

He'll go to university.



1 travel around the world



2 work in an office



3 have a dog



4 drive a car



5 fall in love

3 ★ Order the words to make questions. Then write short answers.



people / caves / Will / live / in ?

Will people live in caves? No, they won't.

1 speak / Will / the / everyone / language / same ?

2 people / eat / Will / meat ?

3 machines / Will / life / make / easier ?

4 dinosaurs / Will / exist ?

5 the / travel / Will / world / around / people ?

4 ★ Write questions with will. Then write short answers.

it / be / cold tomorrow? ✓

Will it be cold tomorrow? Yes, it will.

1 you / lend / me €10? ✗

2 Tim / have / a birthday party? ✗

3 we / win / the game? ✓

4 I / like / that film? ✓

EXPRESS YOURSELF

5 ★ Complete the sentences so they are true for you.

1 This summer, I'll _____.

2 When I leave school, I won't _____.

3 When I'm 30, I'll _____.

Vocabulary 2

Science in the classroom

- 1 Order the letters to make classroom science words.

mceihclaraceiton	<u>chemical reaction</u>
1 argviyt	_____
2 cida	_____
3 rspseuer	_____
4 ari	_____
5 tutareemrep	_____

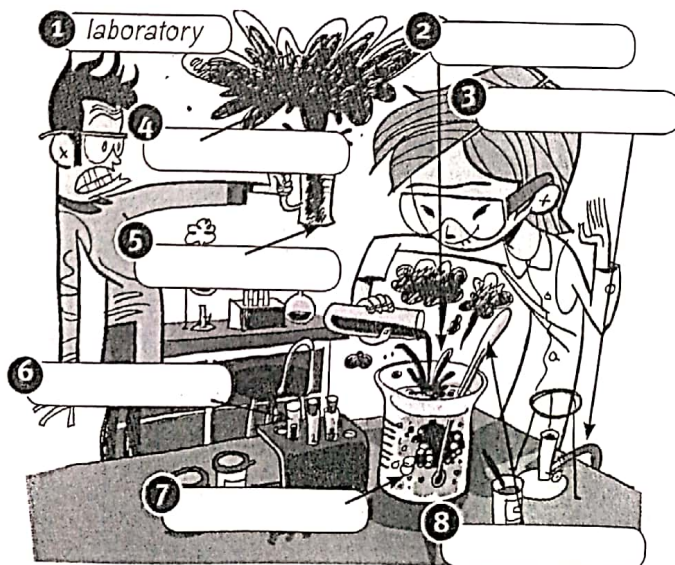
- 2 Complete the sentences with the words in exercise 1.

Astronauts float because there isn't any gravity in space.

- Human beings need _____ to breathe.
- The _____ in Moscow, Russia, is 20°C today.
- When you mix two chemicals, sometimes there is a(n) _____.
- The shower isn't working because the water _____ isn't strong enough.
- Don't get _____ on your hands because it can burn!

- 3 Label the picture with the words in the box.

bubbles explosion gas jug liquid
laboratory test tube thermometer



- 4 Answer the questions with words in exercises 1 and 3.

What is water?

a(n) liquid

- What increases in the summer and decreases in the winter?
the _____
- What makes things fall down to the ground?

- What do we use to measure temperature?
a(n) _____
- What do you get when you mix vinegar with baking soda?

- Where do scientists work?
a(n) _____
- Which type of liquid can be very dangerous?

COMMUNICATE

- 5 Complete the dialogue with the words in the box.

acid bubbles chemical reaction
temperature test tube thermometer

Holly: Pass me the (1) _____,
please. I want to measure the
(2) _____ of the liquid.

Oliver: Here you go. Is the
(3) _____ happening yet?

Holly: I think so. Can you see those little
(4) _____?

Oliver: Oh yeah! Now pass me the
(5) _____, please. I'll add
the (6) _____.

Holly: Be careful – don't spill any on your
hands, or you'll get burnt!

Grammar 2

First conditional

1 ★ Circle the correct words.

If I buy an electric bike, cycling is / will be easy!

- 1 You save / 'll save paper if you write on both sides.
- 2 If we grow / 'll grow some plants, they'll produce oxygen.
- 3 I'm / 'll be happy if the experiment works.
- 4 If you drop that laptop, it breaks / 'll break?
- 5 These chemicals will explode if you mix / 'll mix them.

2 ★ Complete the sentences with the correct form of the verbs in brackets.

If I become a scientist, I 'll invent something amazing. (invent)

- 1 If we study hard, we _____ our science exam. (pass)
- 2 The ice cube will melt if you _____ it. (heat)
- 3 If it _____, the plants will die. (not rain)
- 4 The chemical reaction _____ if you don't add the acid. (not happen)
- 5 If a meteor _____ Earth, it'll do a lot of damage. (hit)

3 ★ Write first conditional sentences. Add a comma (,) where necessary.

have my own robot / keep it in my bedroom

If I have my own robot, I'll keep it in my bedroom.

- 1 switch off your computer / save energy
If you _____.
- 2 the teacher be angry / not do your homework
The teacher _____.
- 3 eat a lot of chocolate / not lose weight
If he _____.
- 4 not study computer science / not get a good job
If she _____.
- 5 save money / walk to work
My mum _____.

4 ★ Order the words to make questions.

push / If / this / will / the / switch on / machine / button, / I ?

If I push this button, will the machine switch on?

- 1 pass / do / you / exams / your / What / you / will / if ?

- 2 go on / we / have fun / holiday / if / Will / we ?

- 3 more independent / be / she / learns to / Jane / will / drive, / If ?

- 4 doesn't / he / he / find the café / If / a map, / will / have ?

- 5 Jessica's / go with / party / Who / if / you / you / go to / will ?

5 ★ Answer the questions. Write complete first conditional sentences.

What will you do if ...

... you win the lottery?

If I win the lottery, I'll buy a motorbike.

- 1 ... you don't pass your exams?

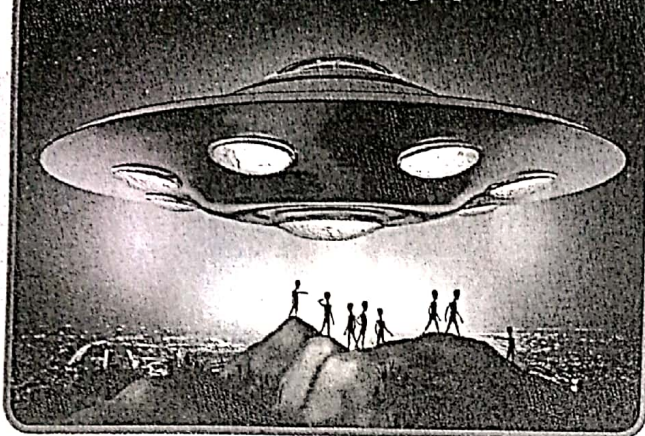
- 2 ... your best friend forgets your birthday?

- 3 ... your parents don't give you any pocket money?

- 4 ... someone sends you a Valentine's Day card?



Do aliens and UFOs (Unidentified Flying Objects) really exist?



Could other planets be habitable too?



Is there anyone out there?

Will we find life on other planets? We asked two scientists for their opinions.



Dr Maria Roberts: No!

'In my opinion, we won't find life on other planets. There are millions of planets in our universe, but Earth is probably the only habitable one. The conditions

on Earth are extremely rare – luckily for us! If a planet is too close to the Sun, it won't be able to support life. The situation is the same for planets that are far away from the Sun. If a planet doesn't have the right atmosphere, again, no life will exist there. And there are thousands more variable factors. What do I think about aliens and UFOs? Science fiction!'



Dr Geoffrey Burrows: Yes!

'Life on Earth began in the oceans. If other planets have oceans, we'll probably find life there. Scientists believe that there was water on the planet Mars, and we think

there is water on Saturn's moon, Titan. The USA will probably send a spacecraft with astronauts to Mars in the next decade. Who knows what they will find there! But could life exist on a planet very different from Earth? Yes, I think it could. On Earth, some living things can exist in extreme conditions, for example, without oxygen. So why not on other planets too?'

Reading

- 1 **10** Read and listen. Which scientist do you agree with?



LEARNING TO LEARN

If you think you don't know a lot of words in a text, don't panic. Many of them may be **cognates** – words that look similar to and mean the same as words in your language.

- 2 How many cognates can you find in the text? Use a dictionary to check.

- 3 Read the text again. Who says these things? Write MR (Maria Roberts) or GB (Geoffrey Burrows).

- 1 Water helped life develop on Earth. _____
- 2 Earth is probably the only planet where life exists. _____
- 3 The environment on Earth is perfect for living things. _____
- 4 Life can exist in a lot of different environments. _____
- 5 People will travel to Mars in the near future. _____
- 6 Aliens and UFOs are not real. _____