

# Answers

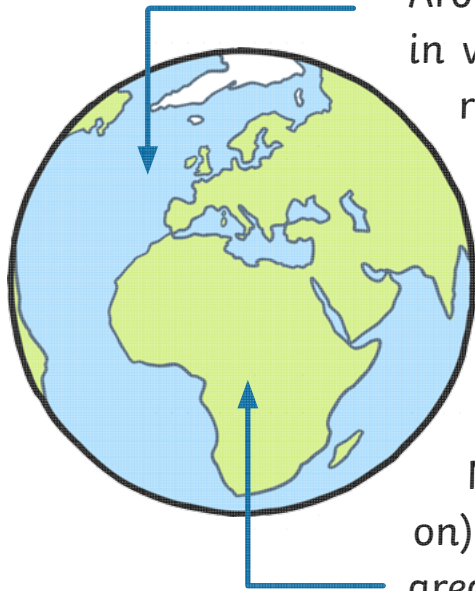
1. What does the word 'rotate' mean? Tick one.
  - turn upside down
  - flip over
  - spin around
2. What is 70% of the Earth's surface covered with? Tick one.
  - soil
  - water
  - sand
3. When did our solar system form? Tick one.
  - 4.6 billion years ago
  - 4.6 million years ago
  - 4.6 years ago
4. What does the Moon control?
5. Name two things that Neil Armstrong and Buzz Aldrin did on the Moon.

6. If you were an astronaut heading to the Moon, what would you like to do when you got there? Why?

# Shooting for the Stars

## Our Planet

We live on planet Earth, which is one of eight planets in our solar system. All of the planets in our solar system rotate (spin around) and it takes Earth one whole day to spin around once on its axis.

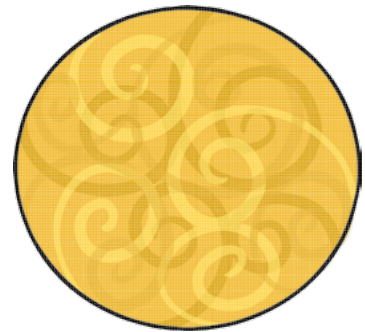


Around 70% of the Earth's surface is covered in water, which includes the seas, oceans, rivers and lakes. The water on our planet is a mixture of salt and fresh water.

The other 30% of the Earth's surface is covered in land. This includes all of the mountains, valleys and deserts that can be found around the world. Many of these areas are inhabited (lived on) by people but there are still some remote areas that are untouched by humans.

## Our Solar System

The Sun is at the centre of our solar system. Our solar system is believed to have formed around 4.6 billion years ago! The eight planets orbit (travel around) the Sun, some closer to the Sun than others.



Earth is the third closest planet to the Sun.

The planet nearest to the Sun is Mercury, which is very hot.

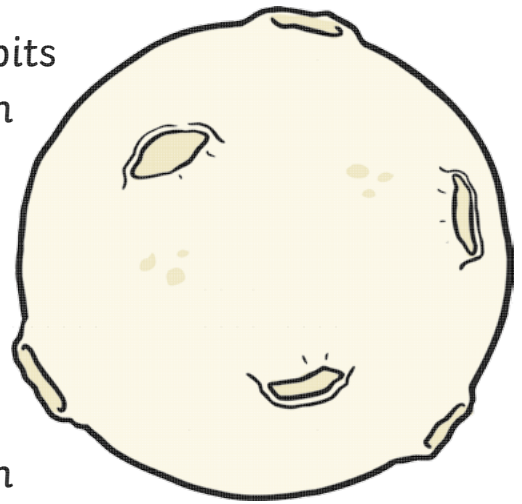


The planet furthest from the Sun is Neptune, the coldest planet in the solar system.

## The Moon

The Moon is a natural satellite that orbits the Earth. It has a massive impact on our planet as it controls the tides in our oceans.

Astronauts have been fascinated by the Moon for many years. Several missions have taken place to travel to the Moon, the first of these being in 1969, when Apollo 11 landed on the surface of the Moon. Astronauts Neil Armstrong and Buzz Aldrin were the first people to ever set foot on the Moon. They walked on the surface, conducted some experiments and planted a flag. Footprints and tyre tracks left behind by astronauts on the Moon will stay there forever as there is no wind to blow them away.



### Did You Know?

Scientists are still investigating whether there is water on the surface of the Moon. Water is essential in order for plants and animals to live and grow. If enough water was found on the Moon, plants could possibly grow and people may be able to visit or even live there! However, this would be a very long way in the future.

# Questions

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# Answers

1. What is the name of the planet that we live on? Tick one.

Jupiter

Earth

Mars

2. Where do fish live? Tick one.

on land

in water

in trees

3. What is in the middle of our solar system? Tick one.

Mars

the Sun

the Moon

4. Who has travelled to the surface of the Moon? Tick one.

doctor

astronauts

firefighters

5. Choose an answer from the drop down menu to complete each sentence.

On land,

The Moon travels

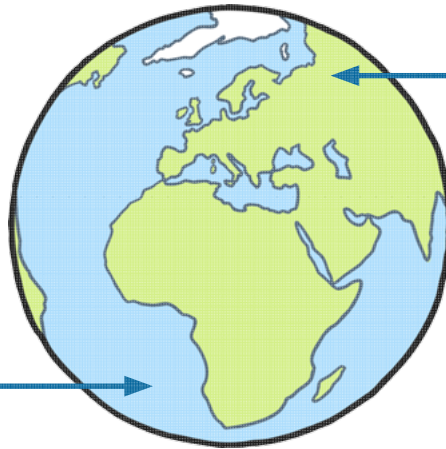
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# Shooting for the Stars

## Our Planet

We live on planet Earth. Our planet is covered in land and water.

In the water, there are lots of amazing fish and sea creatures.

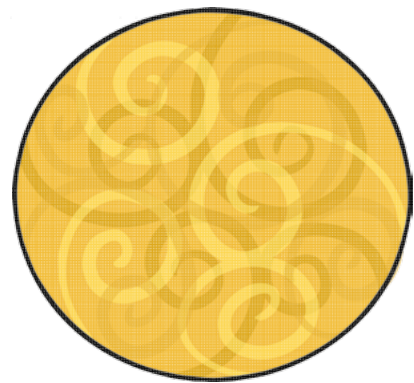


On land, we build houses, grow plants and take care of animals.

## Our Solar System

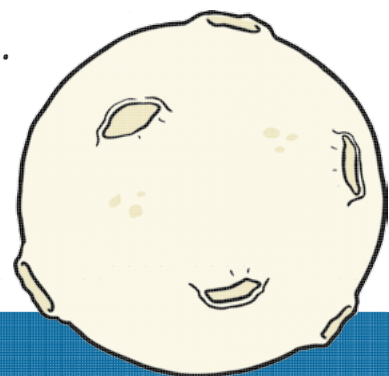
The Sun is at the middle of our solar system. There are 8 planets in our solar system that all move around the Sun.

The planet closest to the Sun is Mercury. The planet furthest away from the Sun is Neptune.



## The Moon

The Moon travels around the Earth. Astronauts travelled to the Moon in a rocket to see what they could find.



## Did You know?

The first astronaut to land on the Moon was Neil Armstrong in 1969.



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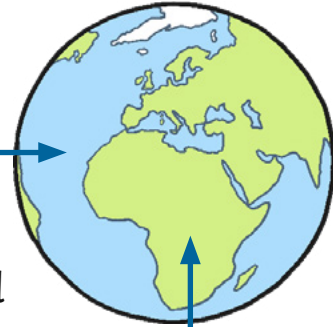
1. How many planets are in our solar system? Tick one.  
eight  
nine  
ten
2. What does 'inhabited' mean? Tick one.  
swam  
lived on  
eaten
3. When did the first astronauts land on the Moon? Tick one.  
1963  
1969  
1968
4. Who were the first people to land on the Moon?
5. In the text, what does it say may happen if scientists find water on the Moon? Tick one.  
Fish could live there.  
Plants may be able to grow.  
People could build a swimming pool.

# Shooting for the Stars

## Our Planet

Planet Earth is one of eight planets in our solar system. Earth spins (very slowly) around. It takes one day for the Earth to spin around once.

Nearly three-quarters of the Earth is covered in water. In the oceans, seas, rivers and lakes, there are lots of different plants and animals.



The rest of the Earth is covered in land. Many parts of the land are inhabited (lived on) by people, although there are still some areas where nobody lives.

## Our Solar System



The planets in our solar system all travel around the Sun. Earth is the third closest planet to the Sun. The planet nearest to the Sun is Mercury, which is very hot. The planet furthest from the Sun is Neptune, the coldest planet in the solar system.

## The Moon

The Moon travels around the Earth. In 1969, Neil Armstrong and Buzz Aldrin travelled to the Moon on a rocket called Apollo 11. When they landed on the Moon, they planted a flag.

### Did You Know?

Scientists are still trying to work out if there is any water on the surface of the Moon. If there is, then one day plants could grow and people may even be able to visit!

