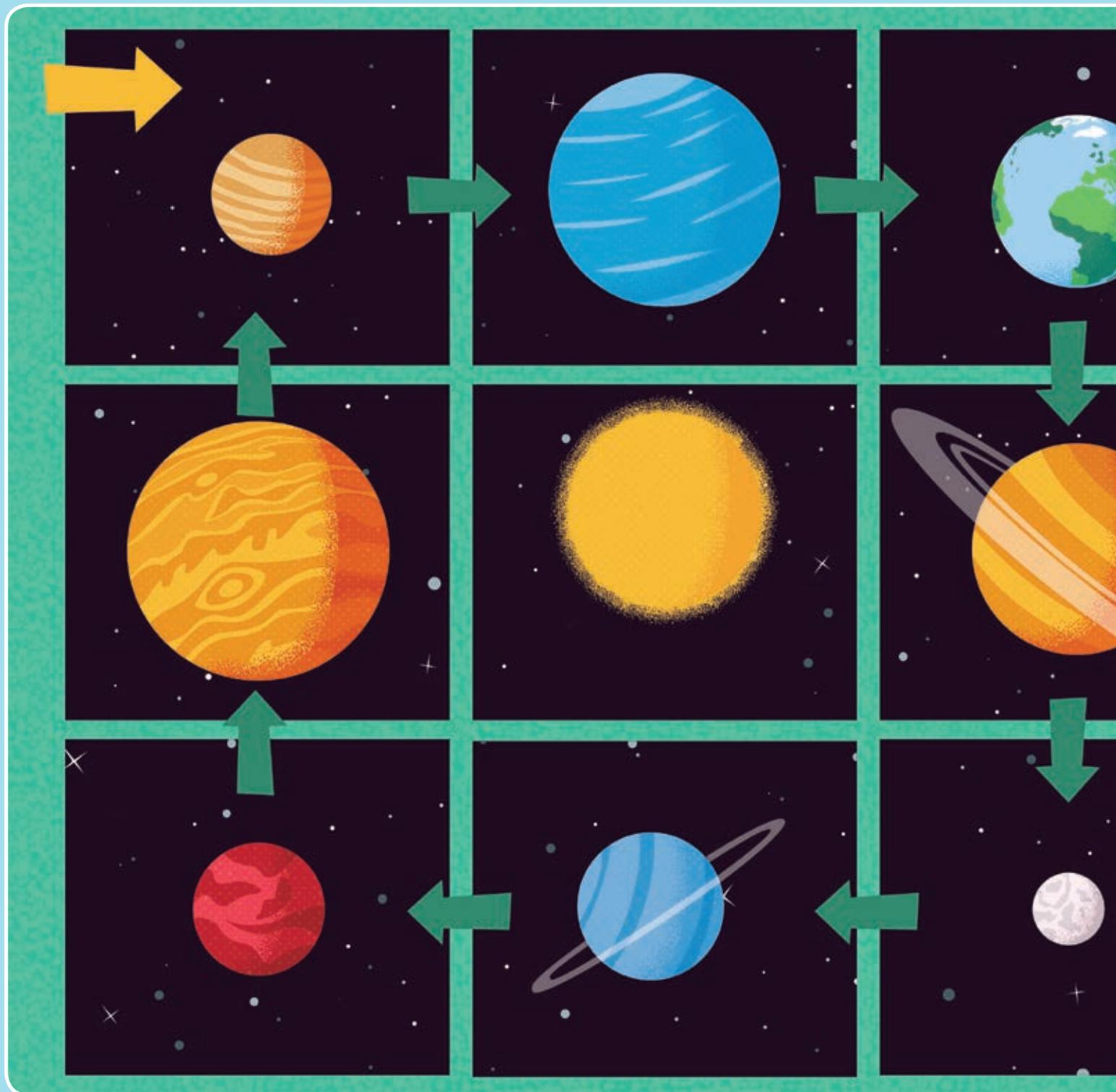


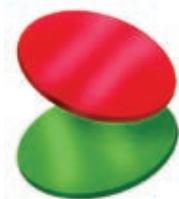
The Solar System

The planets in our Solar System

- 1  Watch. Can you name the planets in our Solar System?



You need ...



Let's learn about ...

- the planets in our Solar System
- the Sun and the Moon
- the seasons

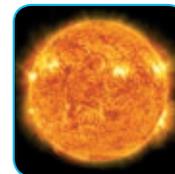
2 Roll the dice. Count. Colour the planets.

3 Look and write.

Sun

Moon

Earth



Be mindful

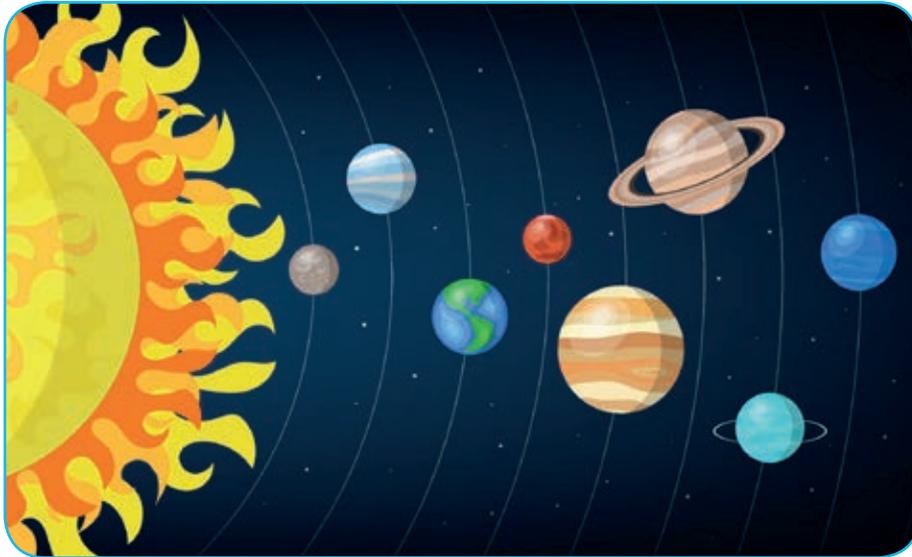
Listen.  001 Draw a star with your finger as you breathe in and breathe out.



What are the planets in our Solar System?

There are eight planets in our Solar System. All the planets go around the Sun.

- 1 Look at the interactive map.  Find out about the planets.



- 2 Answer the questions.

- a. What is the fourth planet from the Sun? _____
- b. What is the eighth planet from the Sun? _____
- c. What is the third planet from the Sun? _____

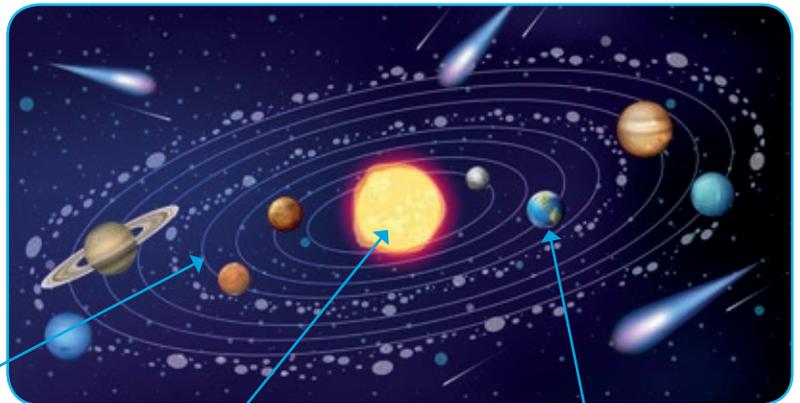
- 3 Listen and point.  002

- 4 Look and write.

Sun

Earth

orbit



What planet do we live on?

Our planet is called Earth. It's round and it's got land and water.

1 Look and write.

land

water



2 Listen and circle the words you hear.  003



Earth



star



planet

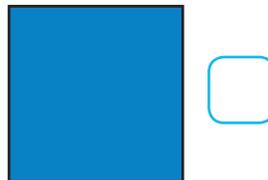
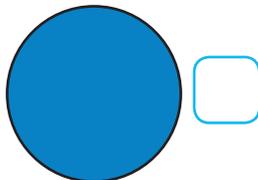
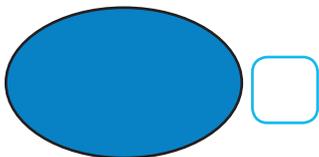


water



Sun

3 What shape is the Earth? Tick ✓.



WOW

Earth is the only planet in our Solar System with water, air and life.



4 Read and circle.

a. The Earth is .

b. on Earth.



At home

Ask your family to name the planets in our Solar System.

What's the Sun?

The Sun is the only star in our Solar System. It gives us light and heat.

1 Sing The Sun song. 004

The Sun song

In the system, 
the Solar System,
the Sun is a big star.

... 
Ahaaah, ah ah ah. 

The Sun, the Sun, the Sun. 

...

In the system, 
the Solar System,
the Sun is in the centre.

... 
Ahaaah, ah ah ah. 

The Sun, the Sun, the Sun. 

...

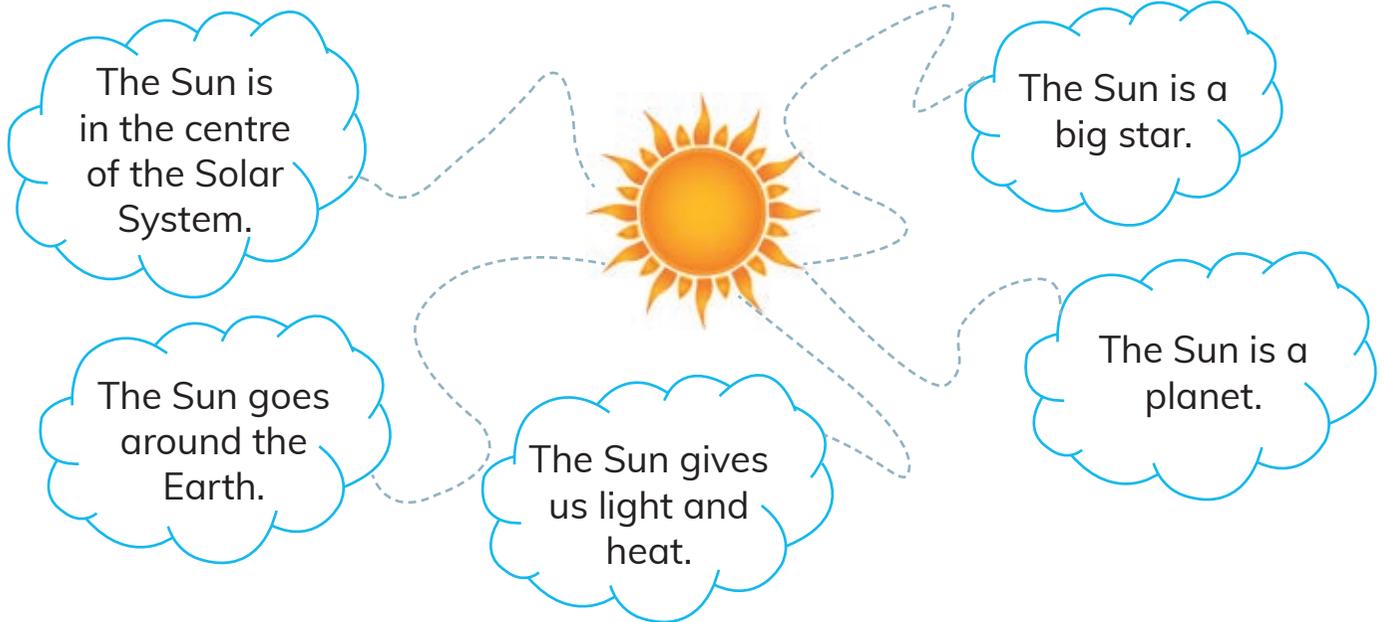
In the system, 
the Solar System,
the Sun gives light and heat.

... 
Ahaaah, ah ah ah. 

The Sun, the Sun, the Sun. 

...

2 Read. Trace the lines to the true sentences.



The Sun is in the centre of the Solar System.

The Sun is a big star.

The Sun goes around the Earth.

The Sun gives us light and heat.

The Sun is a planet.

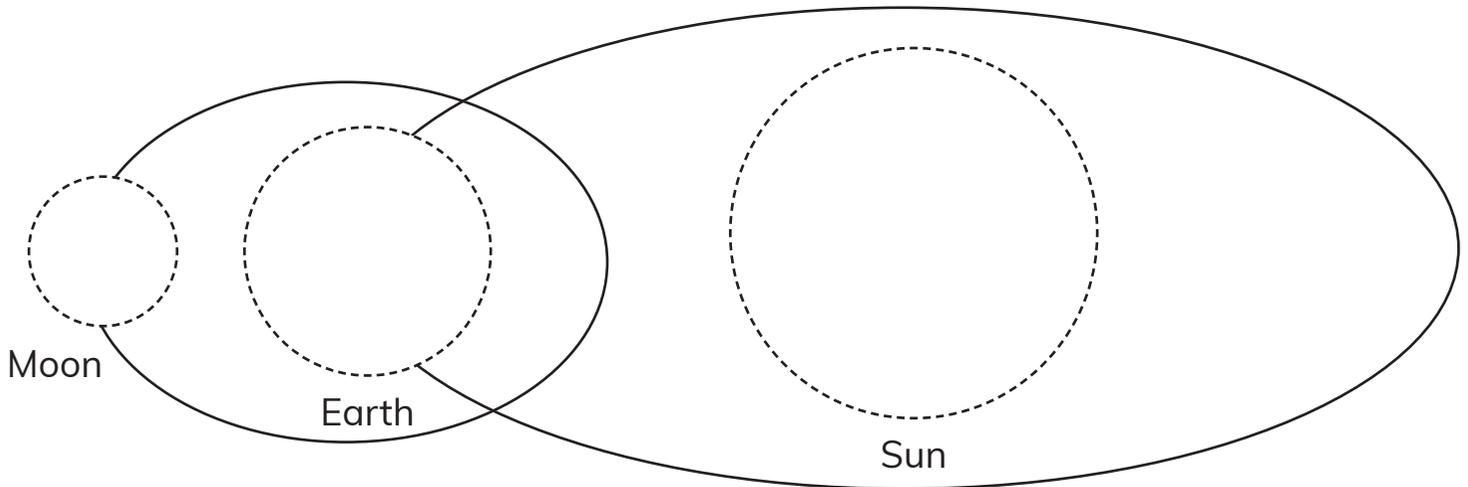
3 Colour the pictures that show light and heat from the Sun.



What's the Moon?

The Moon is a satellite that goes around the Earth.

- 1  Watch. Read and stick.



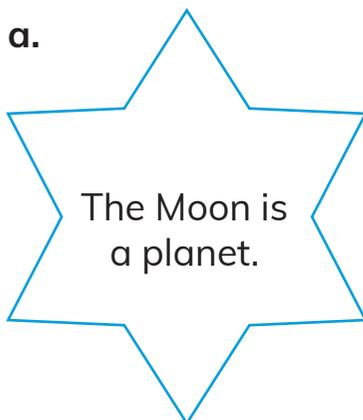
- 2 Look and write.

The _____ orbits the Sun.

The _____ orbits the Earth.

- 3 Colour the sentences that are true.

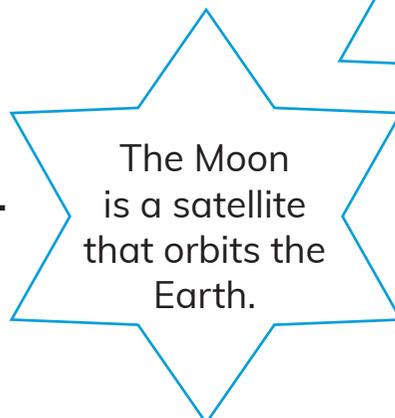
a.



c.



b.



d.



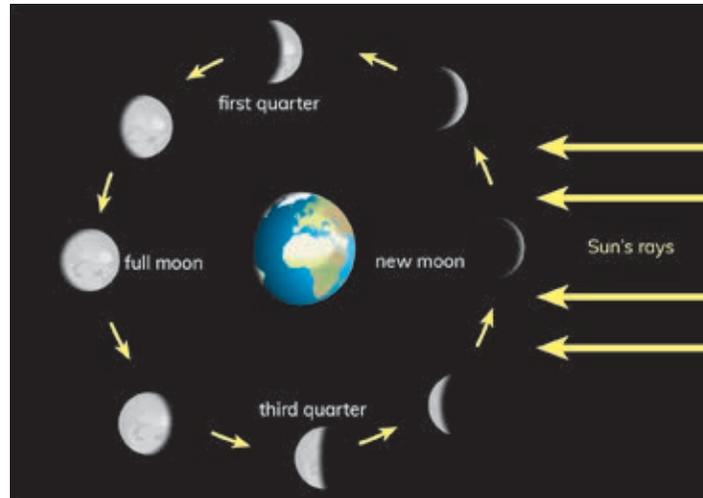
At home

Find photos or videos of people walking on the Moon.

What are the phases of the Moon?

The Moon orbits the Earth in around 28 days. It looks different as it orbits the Earth.

1 Look and read. Then, trace the words.



The Sun shines on the Earth and the Moon. The Earth makes a shadow on the Moon.

The Moon looks different as it goes around the Earth. These are the phases of the Moon.

2 Match.



first quarter

full moon

new moon

thrid quarter

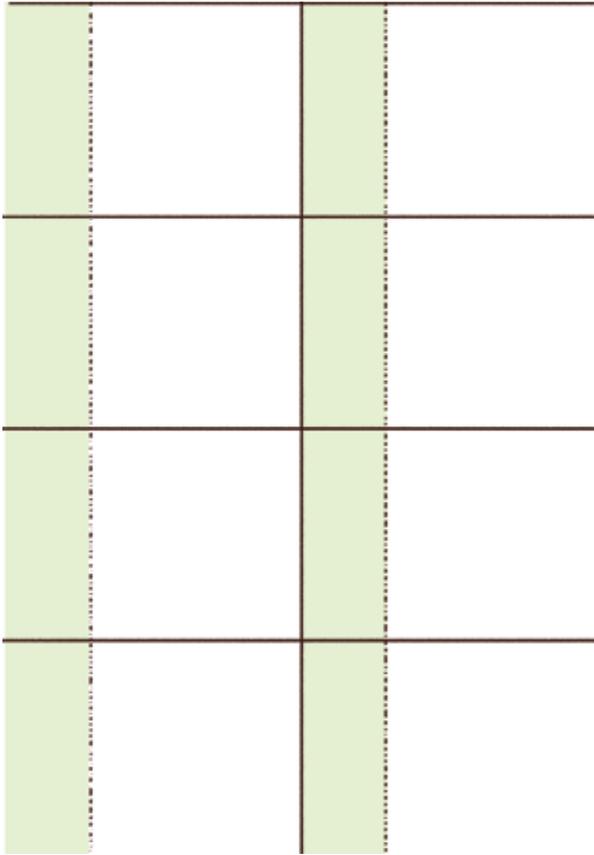
Moon flip book

.....

- 1 Count the phases of the Moon.



- 2 Fold a sheet of paper four times. You get eight squares.



- 3 Draw one phase in each square.
- 4 Cut out each square.
- 5 Put the phases in order.
- 6 Ask your teacher to staple the book.
- 7 Compare your moon flip book with a classmate.

What's the difference between day and night?

We can see different things in the day and at night.

1 Look and trace.

It's *dark* at night.



It's *light* in the day.

2 What can you see in the day and at night? Look and tick ✓.



	Day	Night
fox	<input type="checkbox"/>	<input type="checkbox"/>
stars	<input type="checkbox"/>	<input type="checkbox"/>
Sun	<input type="checkbox"/>	<input type="checkbox"/>
Moon	<input type="checkbox"/>	<input type="checkbox"/>
dog	<input type="checkbox"/>	<input type="checkbox"/>
street lights	<input type="checkbox"/>	<input type="checkbox"/>
blue sky	<input type="checkbox"/>	<input type="checkbox"/>
rainbow	<input type="checkbox"/>	<input type="checkbox"/>
owl	<input type="checkbox"/>	<input type="checkbox"/>
natural light	<input type="checkbox"/>	<input type="checkbox"/>

3 Tell a classmate what you can see.

I can see the Sun in the day.

I can see a fox at night.



Why's there day and night?

The Earth spins around and around. It's day in the part of the world that faces the Sun.

1  Watch. Look and write.

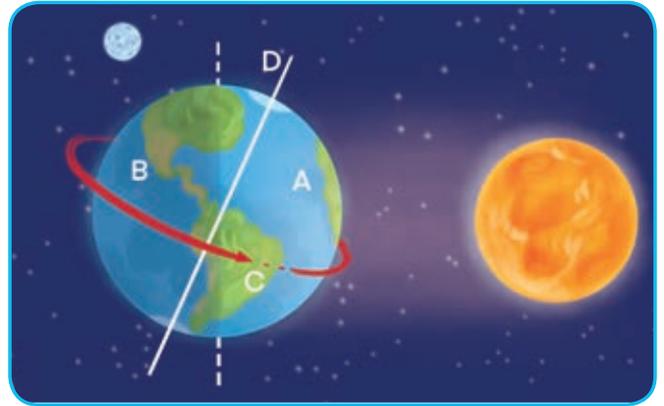
axis

rotation

day

night

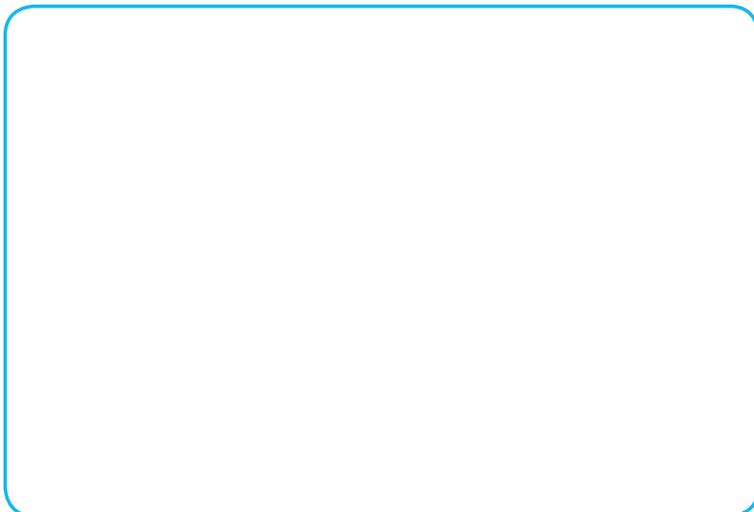
- A. _____
B. _____
C. _____
D. _____



2 Read and circle.

- a. The Earth takes to rotate.
- b. The Earth spins on its .

3  Draw the Earth and Sun to show day and night.



CULTURE

We can learn about the stars and other planets in a planetarium. It's got a big projector that shows the many stars at night.
Is there a planetarium in your town or city?



At home

Draw something you can do in the day, but not at night.



Challenge

Solar System puzzle



Can your classmates do your puzzle?



Planning

1 What do you want to include in your puzzle? Tick .



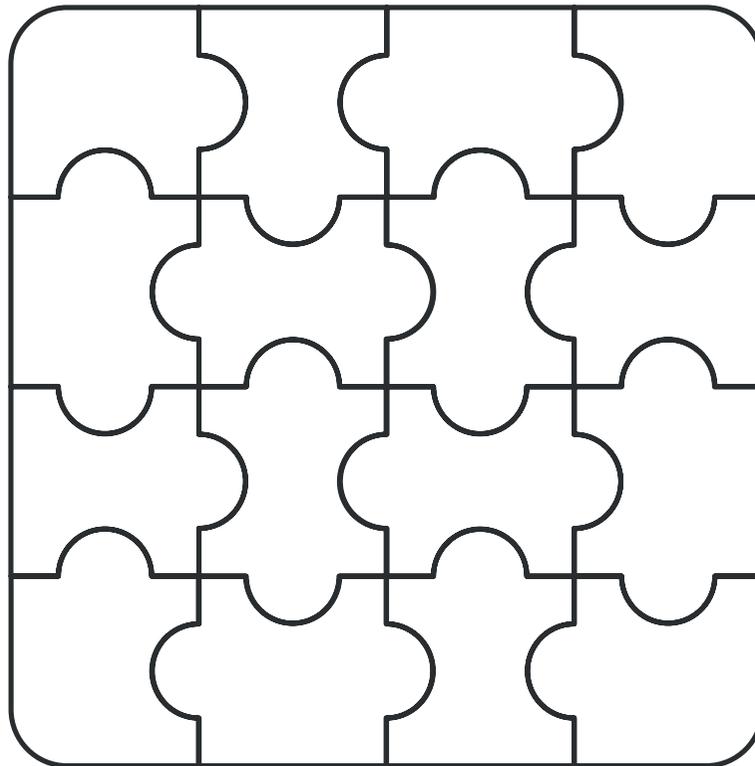
2 Draw more ideas for your puzzle.

You need ...

- card
- coloured pencils
- glue
- puzzle template 
- scissors

My design

- 3 Draw your puzzle. Label your puzzle and colour it in.



- 4 Stick your puzzle to card. Cut out your puzzle pieces.
- 5  Share your puzzle with a classmate.
- 6 Do your classmate's puzzle.

Language learning lab

It's the Sun.

It's the Solar System.



What are the seasons?

The seasons are summer, spring, winter and autumn.
They happen at different times of the year.

1 Complete the words.



s _ m m _ r



s p r _ n _



a _ t _ m n



w _ n t _ r

2 Listen and number.  005



3  What's your favourite season? Draw and write.

My favourite season is

_____.

In this season, I can

_____.

Why are there seasons?

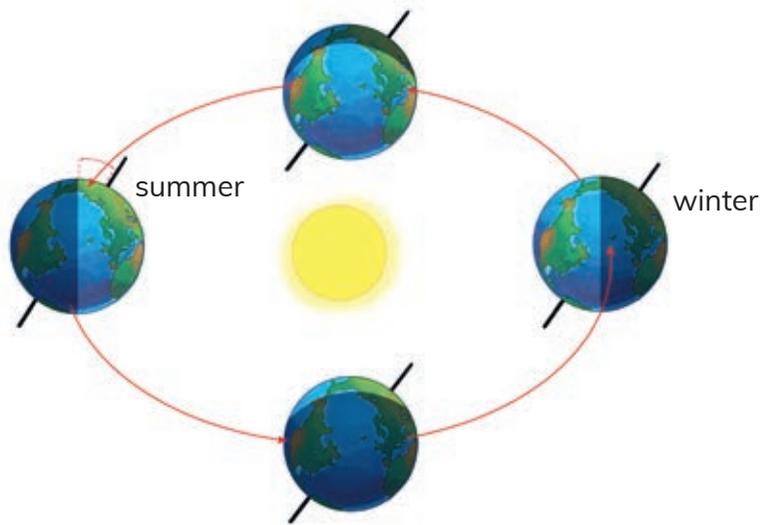
The Earth orbits the Sun in 365 days. This causes the seasons.

1 Read and point.

The Earth spins on its **axis**. The Earth also **orbits** the Sun.

In summer, the top of the Earth **tilts** towards the Sun. It's warm.

In winter, the top of the Earth **tilts** away from the Sun. It's cold.



2 Do the actions.

spin



orbit



tilt



At home

Ask your family about their favourite season.



Review

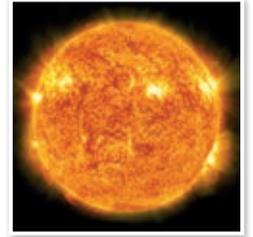
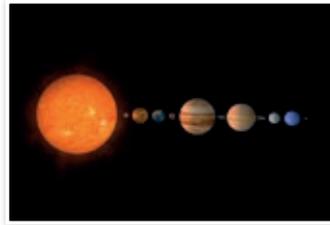
1 Write.

Sun

planet

Moon

Solar System



2 Number the planets in the correct order.

Mercury

1

Earth

Jupiter

Mars

Neptune

Uranus

Saturn

Venus

3 Listen and tick ✓ yes or no. 006

1.



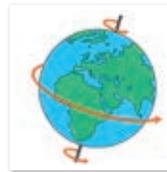
yes no

2.



yes no

3.



yes no

4.



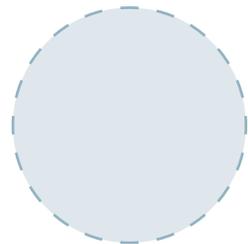
yes no



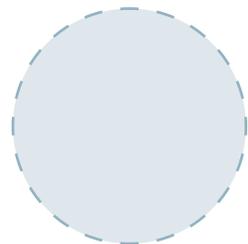
Reflect

1  Say and stick.

I can ... name the planets in our Solar System.



I can ... say things we can see in the day and at night.



I can ... name the four seasons.

