



THE SOLAR SYSTEM

LEARNING SITUATION

Key question

- Why does the Moon look different sometimes?

Let's learn about ...

- the planets
- the Sun and the Moon
- the phases of the Moon
- day and night
- the seasons

Team project

- Make a fact card about seasons

LET'S START!



WATCH. Can you remember the eight planets?

THINK BACK. What are the months of the year?

LOOK. What can you see in the photo?



I can see ...



It's ...



Sun

Earth


Saturn

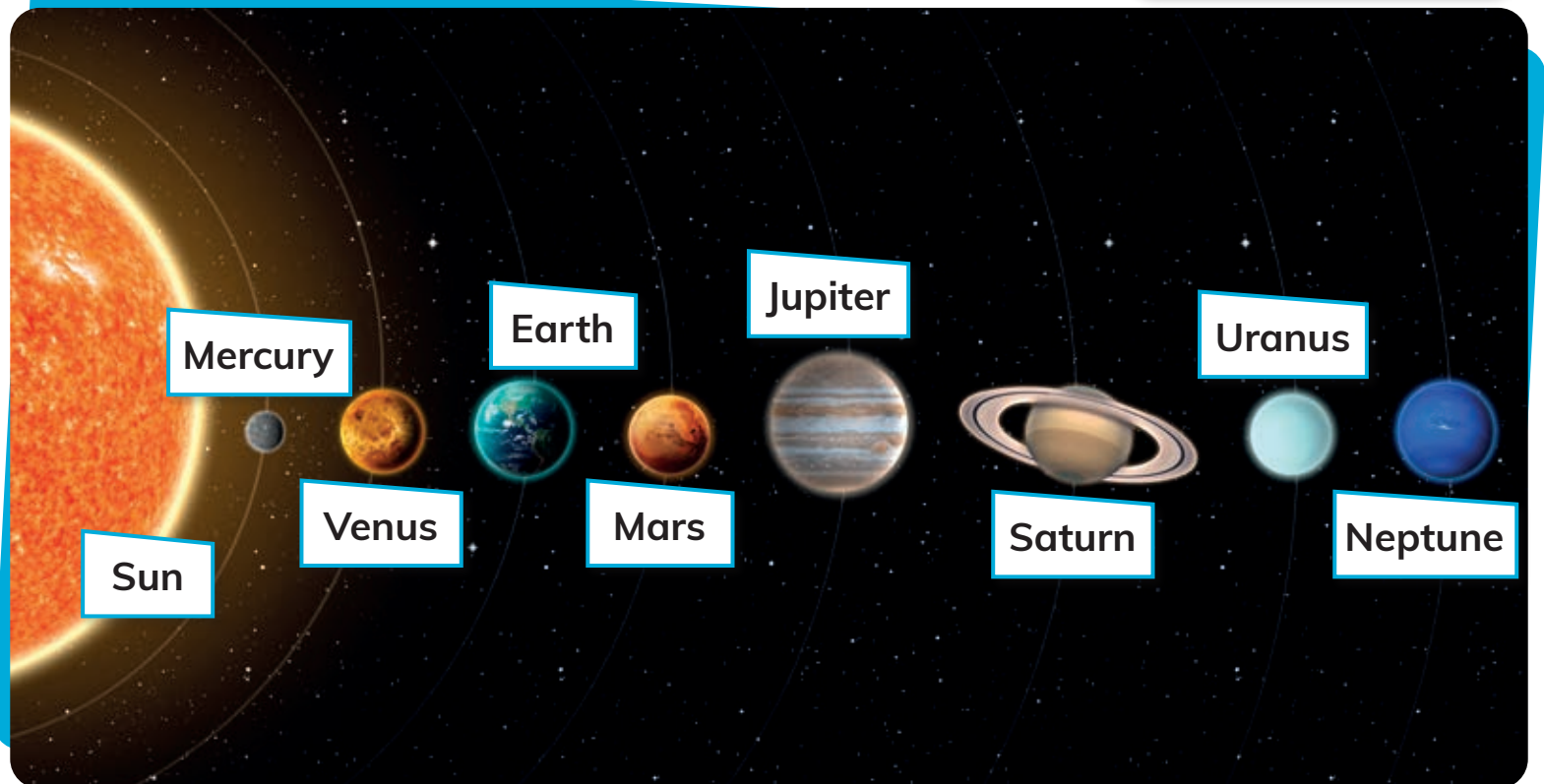
WHAT ARE THE PLANETS IN OUR SOLAR SYSTEM?

There are eight **planets** in our Solar System. All the planets orbit the **Sun**.



Explore

Look at the interactive map. 



Our planet is the **Earth**. It's a sphere. A sphere is like a ball. Earth has got **land** and **water**. It's the only planet in our Solar System with water, air and life.



Activities

1 LISTEN and POINT to the planets.

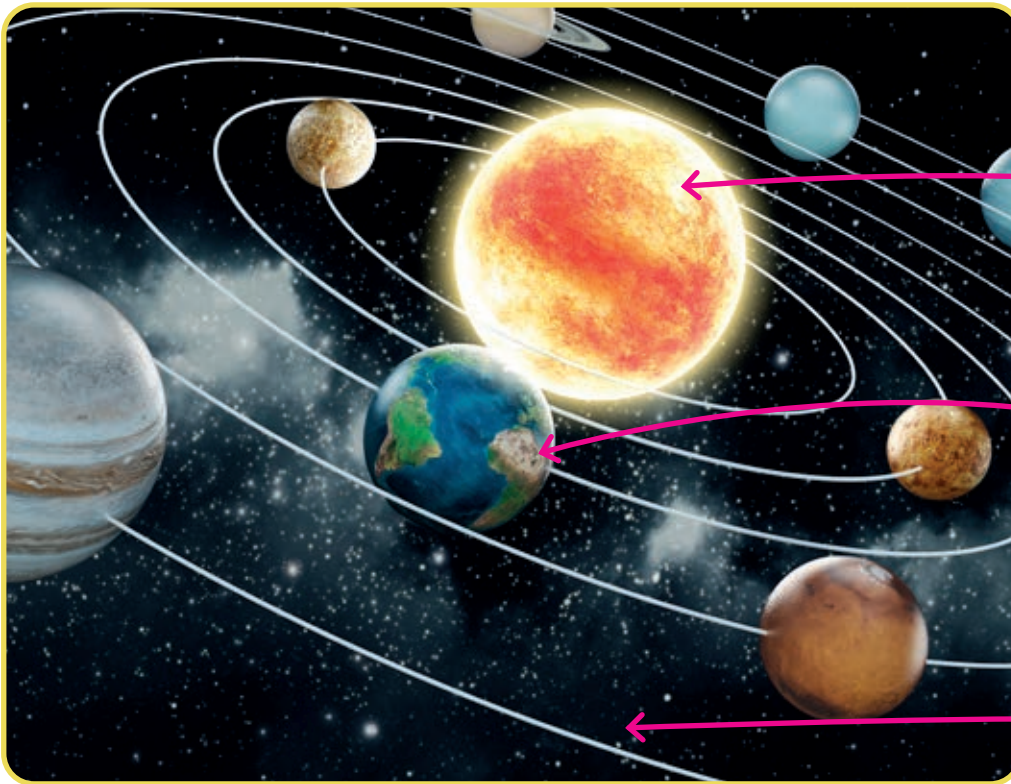


2 LOOK and WRITE.

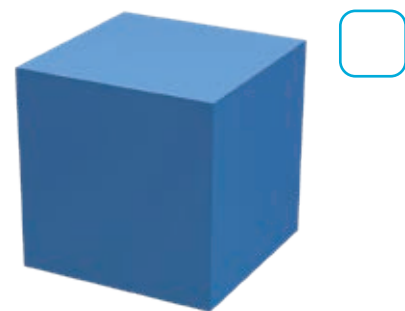
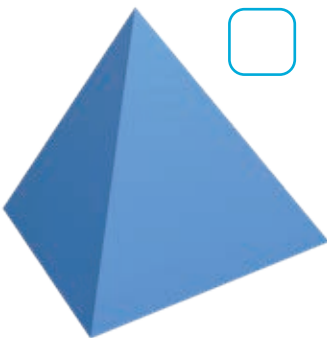
Sun

Earth

orbit



3 What shape is the Earth? TICK ✓.



4 READ and CIRCLE.

a. The Earth is square / round.

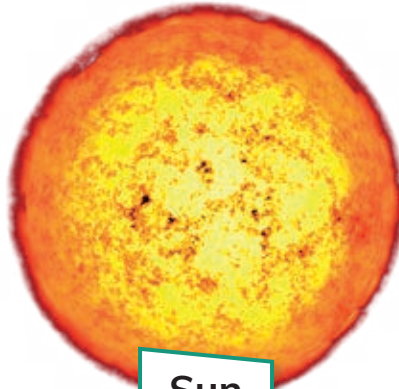
b. There's water / There are stars on Earth.

WHAT ARE THE SUN AND THE MOON?

The Sun is the only **star** in our Solar System.

It's at the centre of our Solar System.

It gives us **light** and **heat**.



Sun

Watch

What's the Moon?

The Moon is a **satellite**.

A satellite orbits a planet.

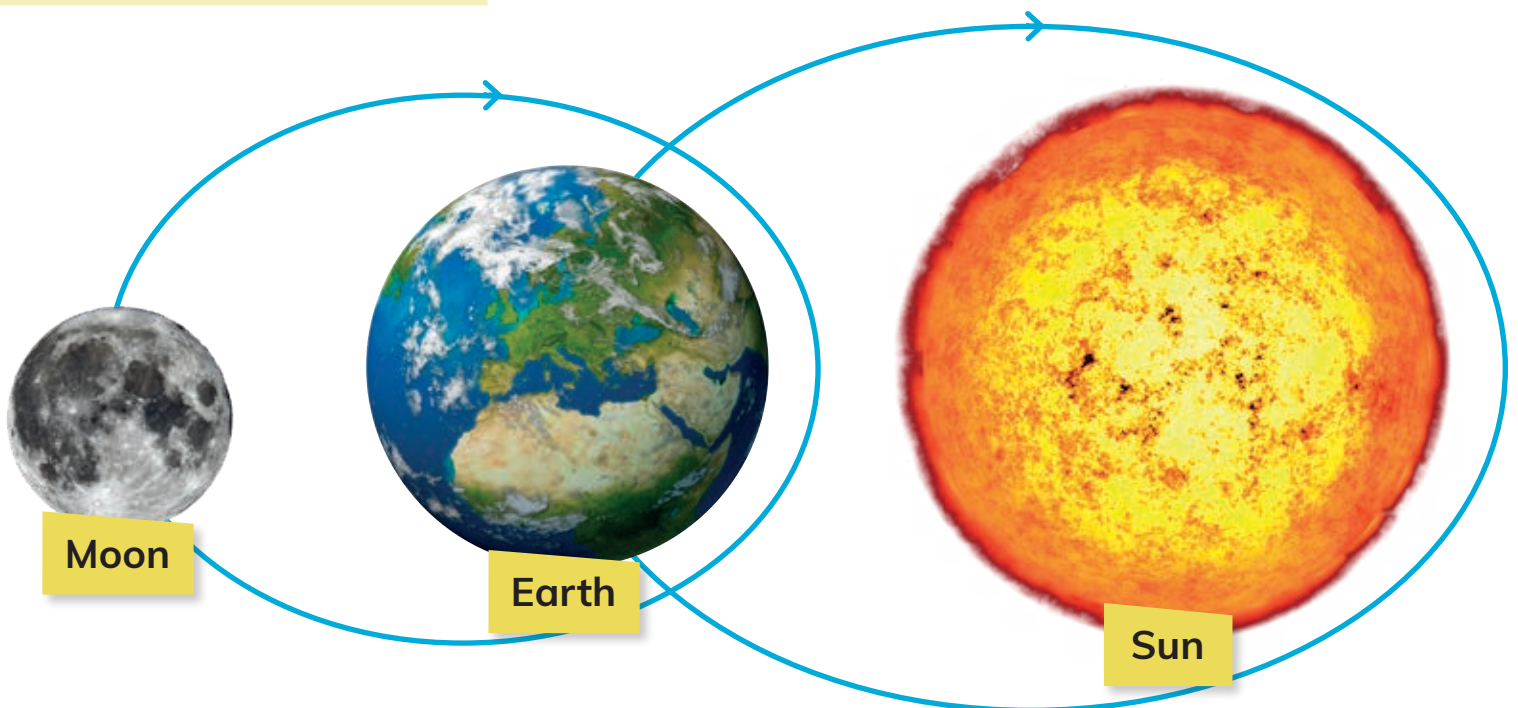
The Moon hasn't got air or water.



Moon

The Earth **orbits** the Sun.

The Moon **orbits** the Earth.



Moon

Earth

Sun

Activities

1 CIRCLE the photos that show light and heat from the Sun.



2 WRITE.

Earth

Moon

It orbits the Sun: _____

It orbits the Earth: _____



Listen

Sing *The Sun* song.

3 COLOUR the true sentences.

The Moon is
a planet.

The Moon is
a satellite.

The Moon has got
air and water.

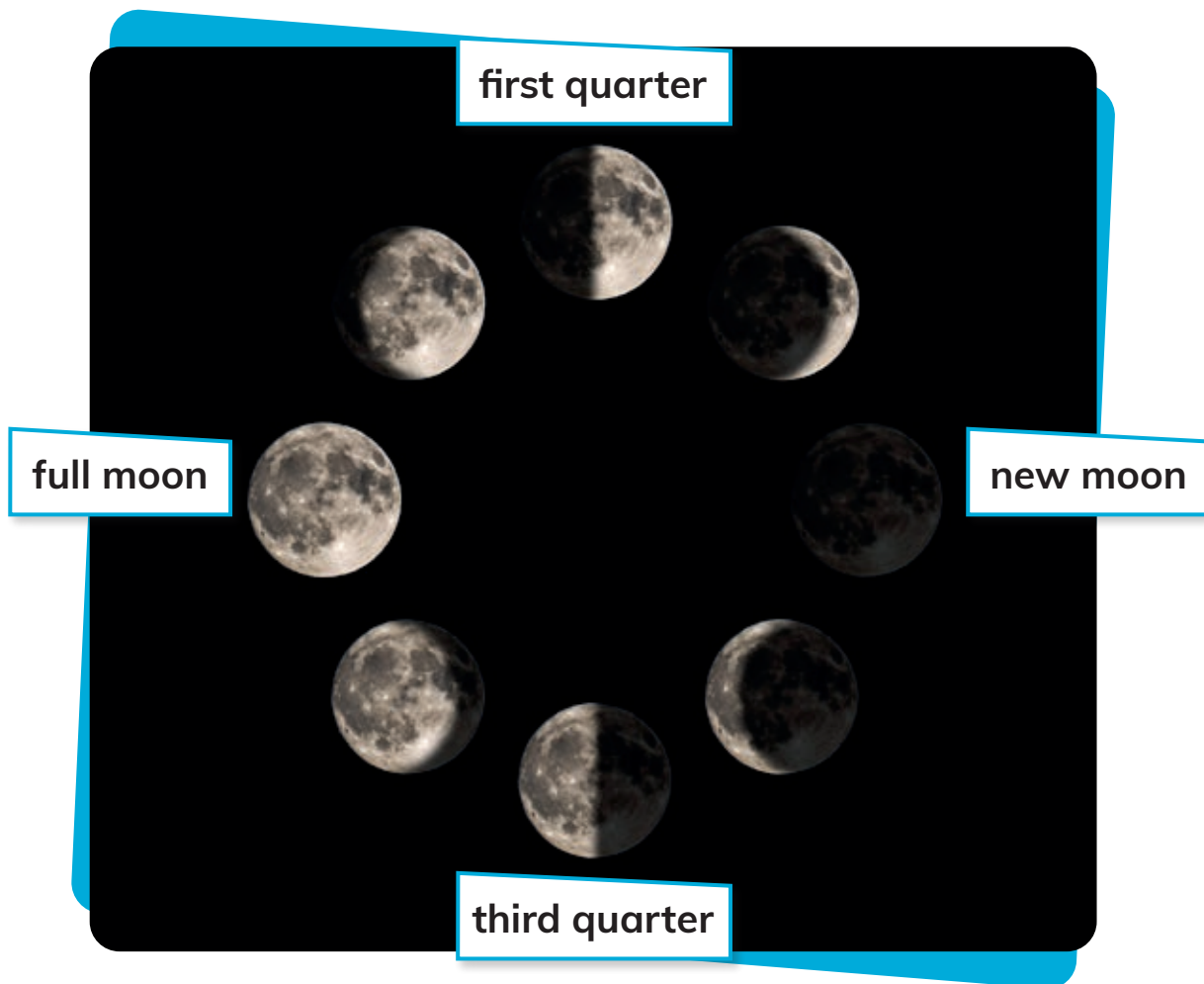
The Moon orbits
the Earth.

WHAT ARE THE PHASES OF THE MOON?

The Moon orbits the Earth in approximately **28 days**.

Sometimes we only see part of the Moon.

We call these changes the **phases of the Moon**.



When there's a **new moon**, we can't see the Moon.

When there's a **full moon**, we can see the complete Moon.



Activities

1 MATCH.



full moon

first quarter

third quarter

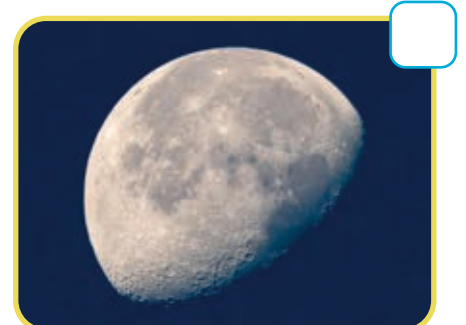
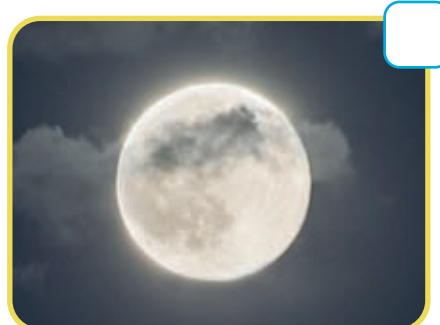
new moon

2 READ and CIRCLE.

It's a full moon. We **can** / **can't** see the Moon.

It's a new moon. We **can** / **can't** see the Moon.

3 Which photos are of a full moon? TICK ✓.



WHAT IS THE DIFFERENCE BETWEEN DAY AND NIGHT?

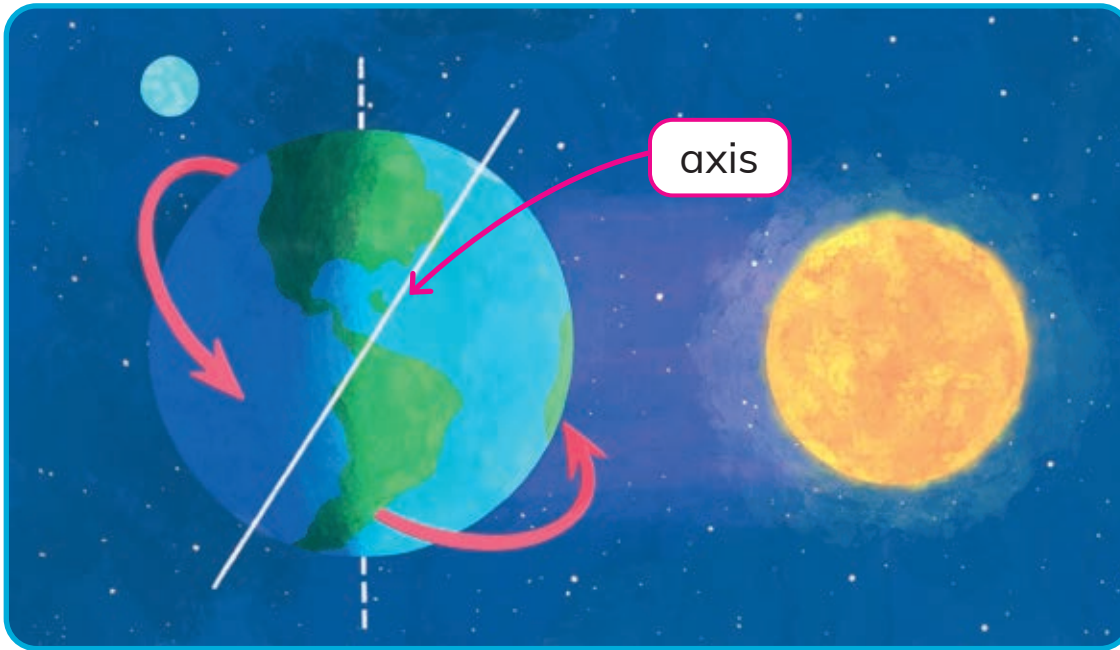
The Earth spins on its **axis**. This is **rotation**.

Rotation takes **24 hours**. It's day in the part of the world that the Sun shines on.

Watch



Why is there day and night?



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



It's light during the day.



It's dark at night.

Activities

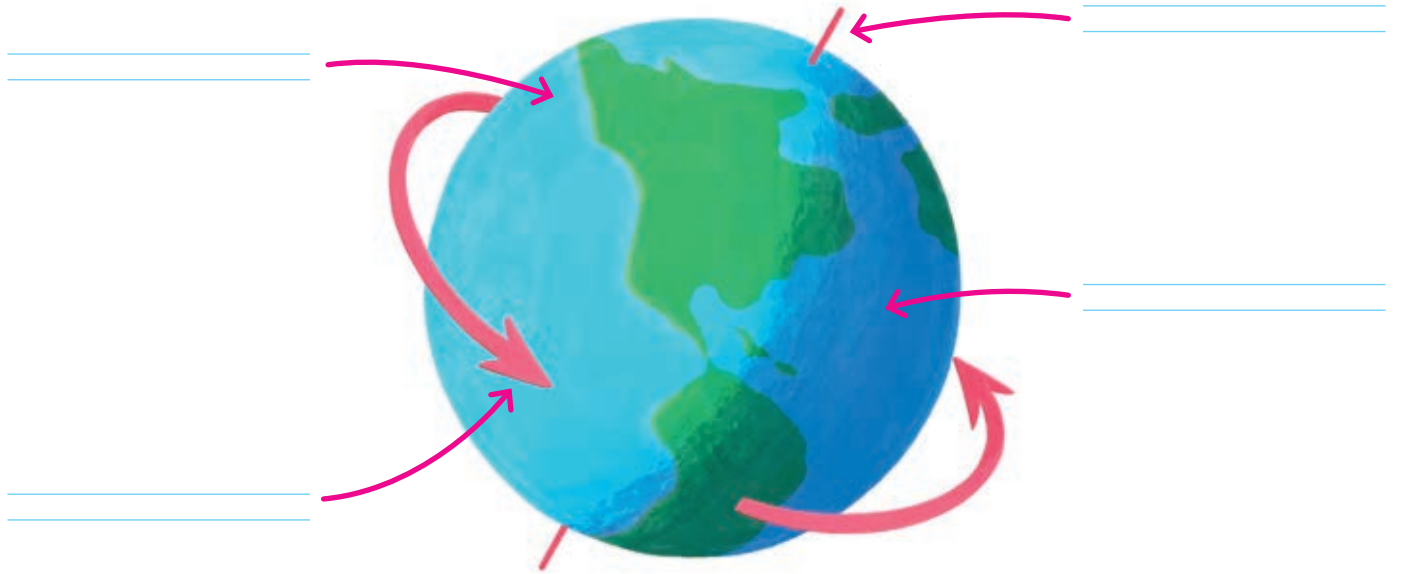
1 LOOK and WRITE.

day

night

axis

rotation



2 What can you see at night? LOOK and TICK ✓.



3 What can you see in the day? TELL a partner.



I can see the Sun in the day.

I can see a rainbow in the day.



WHAT ARE THE SEASONS?

The Earth orbits the Sun in 365 days, **one year**.

This is **revolution**.

Revolution causes the seasons.

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



winter



spring



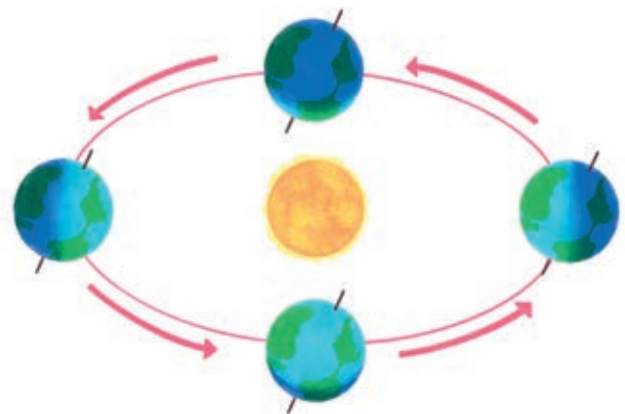
summer



autumn

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.



Activities

1 LISTEN and NUMBER.



2 What is your favourite season? DRAW and WRITE.



My favourite season is

In this season, I can

3 MATCH.

spin

orbit

tilt



WRITE ABOUT THE SEASONS

1 What seasons do they like? READ.



I like summer.
I can swim.



I like winter. I can
play in the snow.

2 READ and TICK ✓.



Do you like spring?

Yes, I do. No, I don't.



Do you like autumn?

Yes, I do. No, I don't.

Language
tip

- Do you like ... ?
- Yes, I do.
- No, I don't.

LET'S WRITE!

3 What seasons do you like? WRITE Yes, I do or No, I don't.



Do you like
spring?



Do you like
summer?



Do you like
autumn?



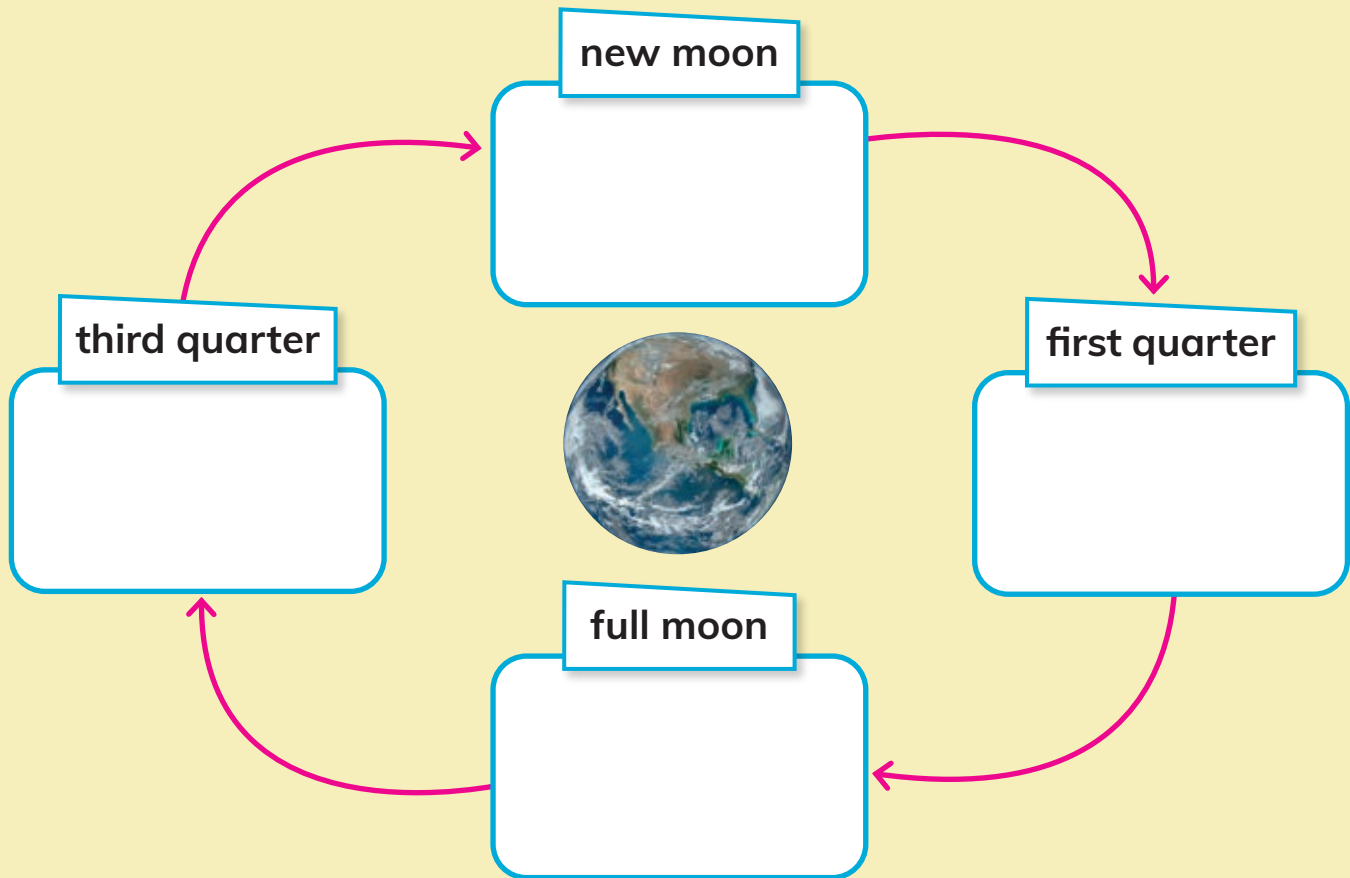
Do you like
winter?




↑ new moon ↑ first quarter ↑ full moon ↑ third quarter ↑ new moon

STEP 1

DRAW the phases of the Moon.



STEP 2

 **SHARE** your moon phases with a partner.



MAKE A FACT CARD ABOUT SEASONS

The weather in a place is what the sky and air are like each day. The weather changes every season and the weather changes in different places.

DISCUSS

1 LOOK at the weather. What season is it? READ.



I live near the mountains.
It's December. It's cold
and snowy.



I live near the beach. It's
July. It's cloudy and it isn't
cold.

2 What is the weather like where you live? CIRCLE and DISCUSS with your classmates.



It's sunny.



It's cloudy.



It's rainy.



It's snowy.



It's windy.



It's foggy.



It's hot.



It's cold.

TAKE ACTION**3 WRITE** about where you live and the season. Follow the steps.

- Step 1: Answer the questions.

What's the name of your city or village? _____

What's the weather like today? _____

What month is it now? _____

What season is it now? _____

- Step 2: Draw where you live and the weather.

SHARE**4 SHARE** your fact card with your classmates.**TEAM ASSESSMENT**

- Read and colour.

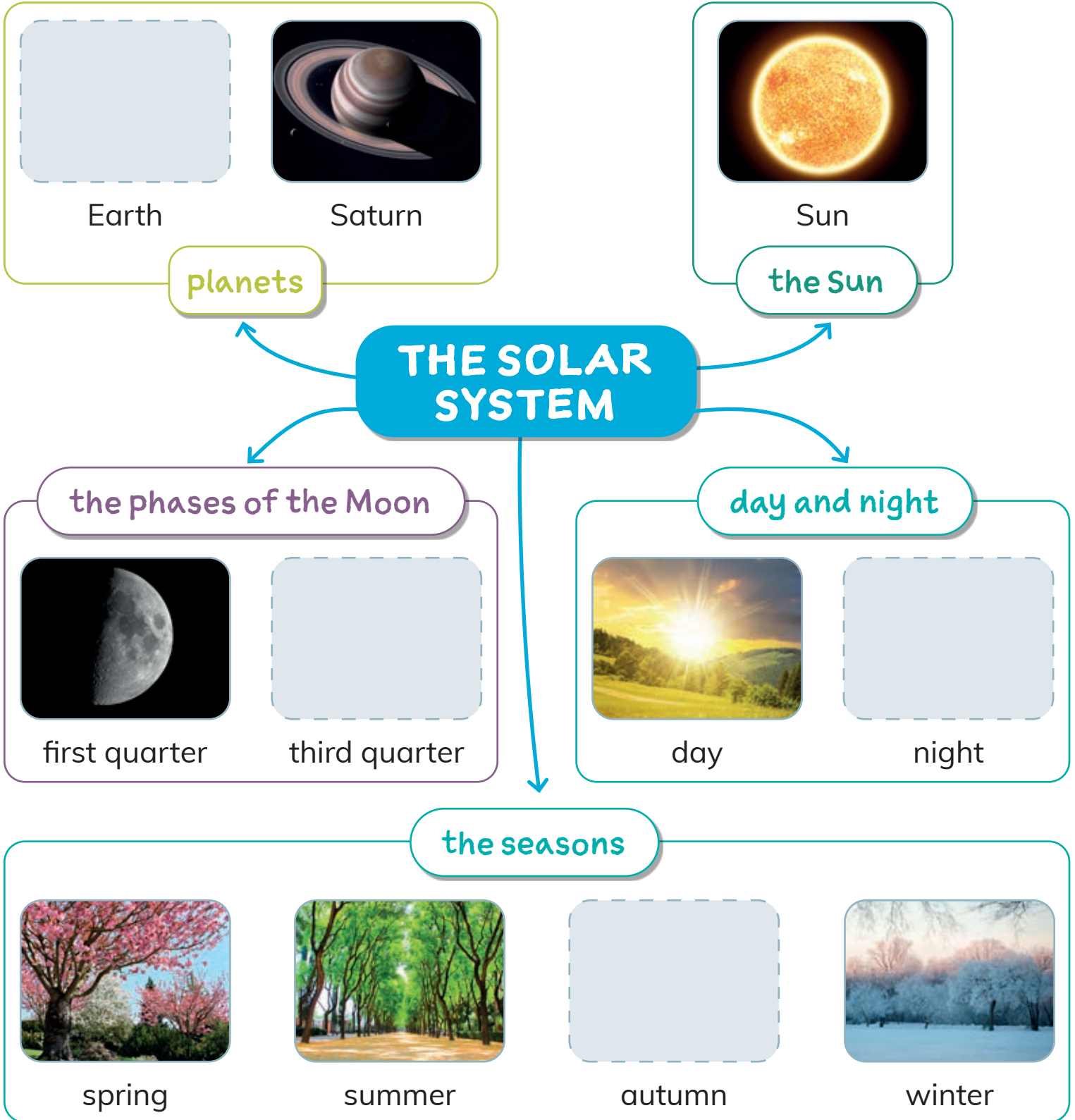
We can ask questions.

**OK****GOOD****EXCELLENT**



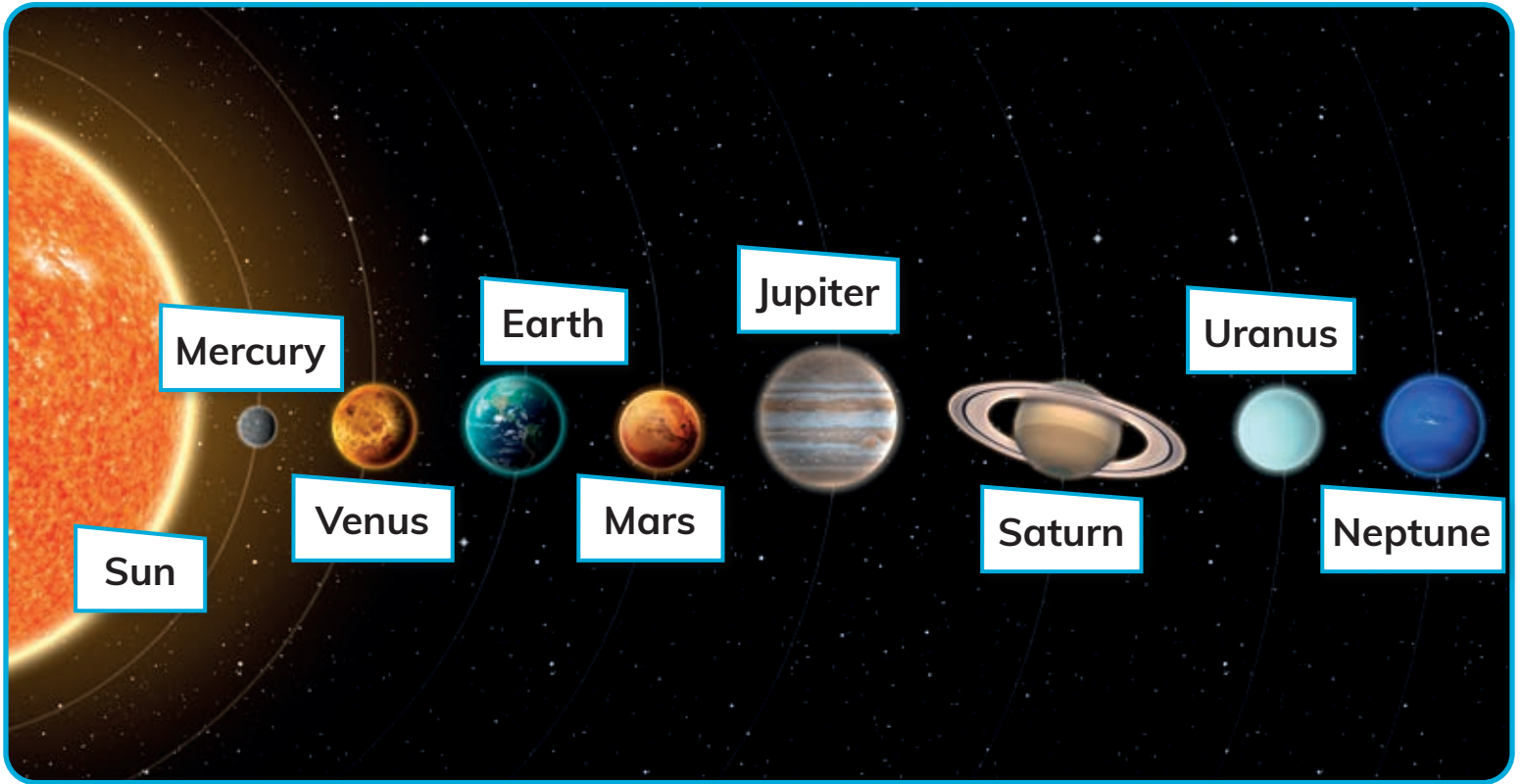
MIND MAP

1 COMPLETE the mind map. STICK.





THE PLANETS IN OUR SOLAR SYSTEM



THE PHASES OF THE MOON



new moon



first quarter



full moon

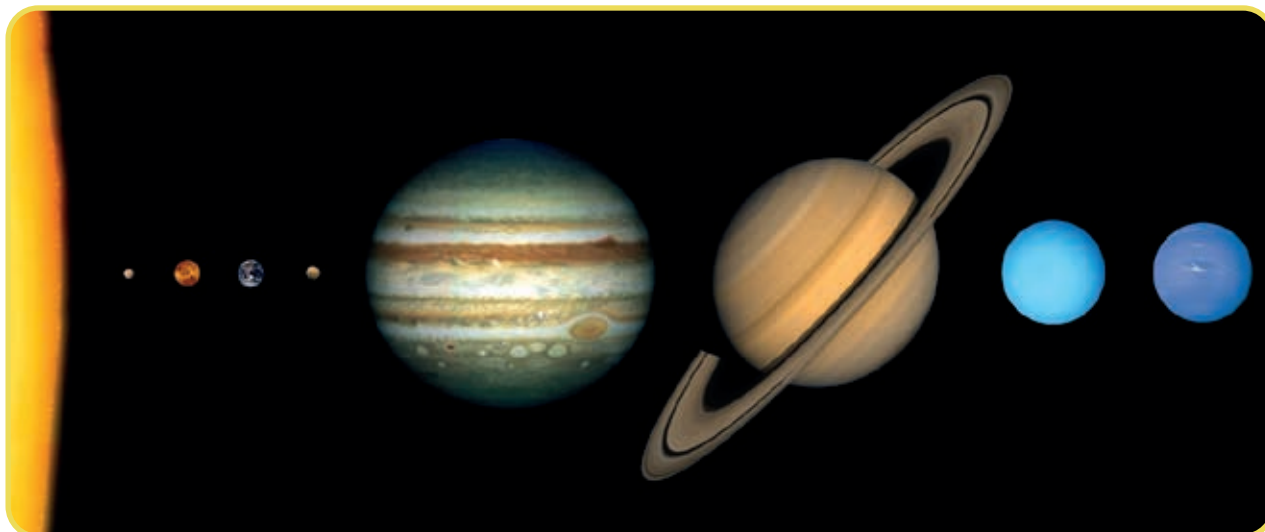


third quarter

REVIEW



1 WRITE the planets.



There are eight planets in our Solar System: _____

2 READ and TICK ✓.

	True	False
The Sun is the only star in our Solar System.		
The Moon is a satellite of the Earth.		
The Moon has got land and water.		
The Moon orbits the Sun.		
It's light during the day and dark at night.		

3 READ and CIRCLE the correct answer.

The Moon is a planet / satellite.

It takes 7 / 28 / 365 days to orbit the Earth.

The Moon has got / hasn't got air or water.



4 READ and WRITE.

summer

axis

winter

cold

The Earth spins on its _____.

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

In _____, the top of the Earth tilts away from the Sun. It's _____.

APPLY**5 READ and TICK ✓.**

Milo looks out of the window.
In the morning, he sees the Sun shining.
At night, he sometimes sees the Moon.

Why is it light during the day?

It's light because the Moon gives light.

It's light because the Sun is shining on Earth.

What can Milo see in the day?

the Sun

blue sky

stars

clouds

SELF-ASSESSMENT

- Read and colour.**

I help my friends in class.

**OK****GOOD****EXCELLENT**