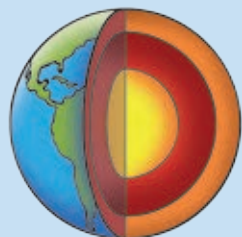
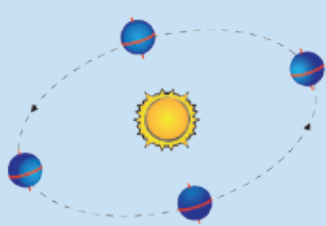
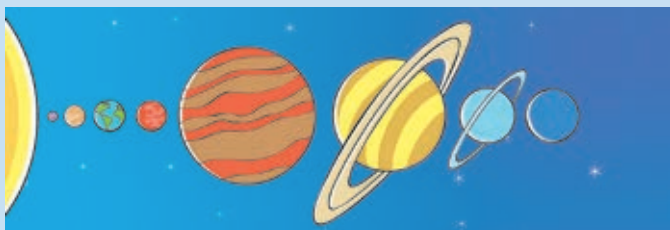


The Solar System

Objectives

In this unit you will learn about...



Project time!

Make a
plasticine planet.



1.  Listen and tick the words you hear.

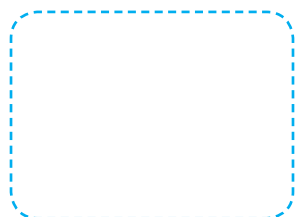
- | | |
|-----------|--------------------------|
| France | <input type="checkbox"/> |
| Earth | <input type="checkbox"/> |
| Neptune | <input type="checkbox"/> |
| planets | <input type="checkbox"/> |
| astronaut | <input type="checkbox"/> |
| satellite | <input type="checkbox"/> |



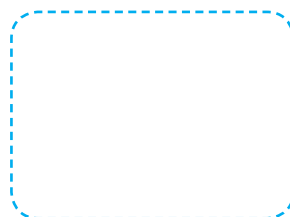
2. Look at the picture. How many planets are there? Tick.

seven five eight six

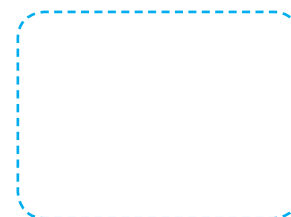
3. Read and stick.



the Earth



the Sun



the Moon

The Sun and the planets

The **Sun** is a **star**. It's at the **centre** of our Solar System. There are **eight planets** in the Solar System. The **Earth** is a planet. The **Moon** is a **satellite**.

1.   Listen and read the story.

2. Complete the sentences.

planet star satellite

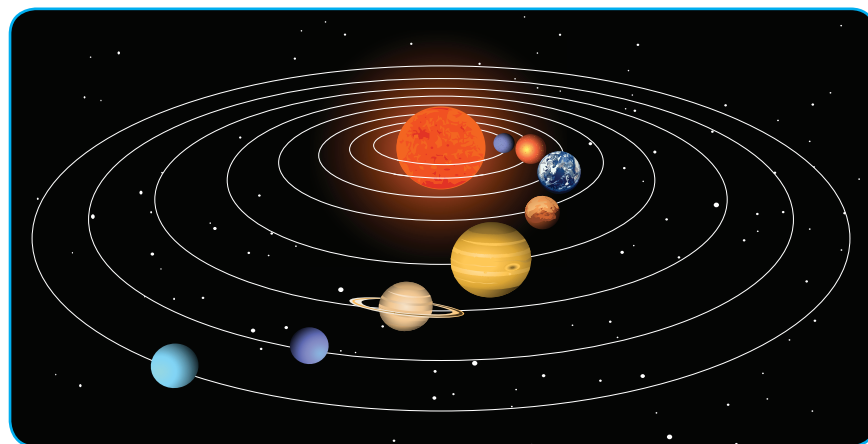


The Sun is a _____.

The Earth _____.

The Moon _____.

3. Read and write *T* (true) or *F* (false).

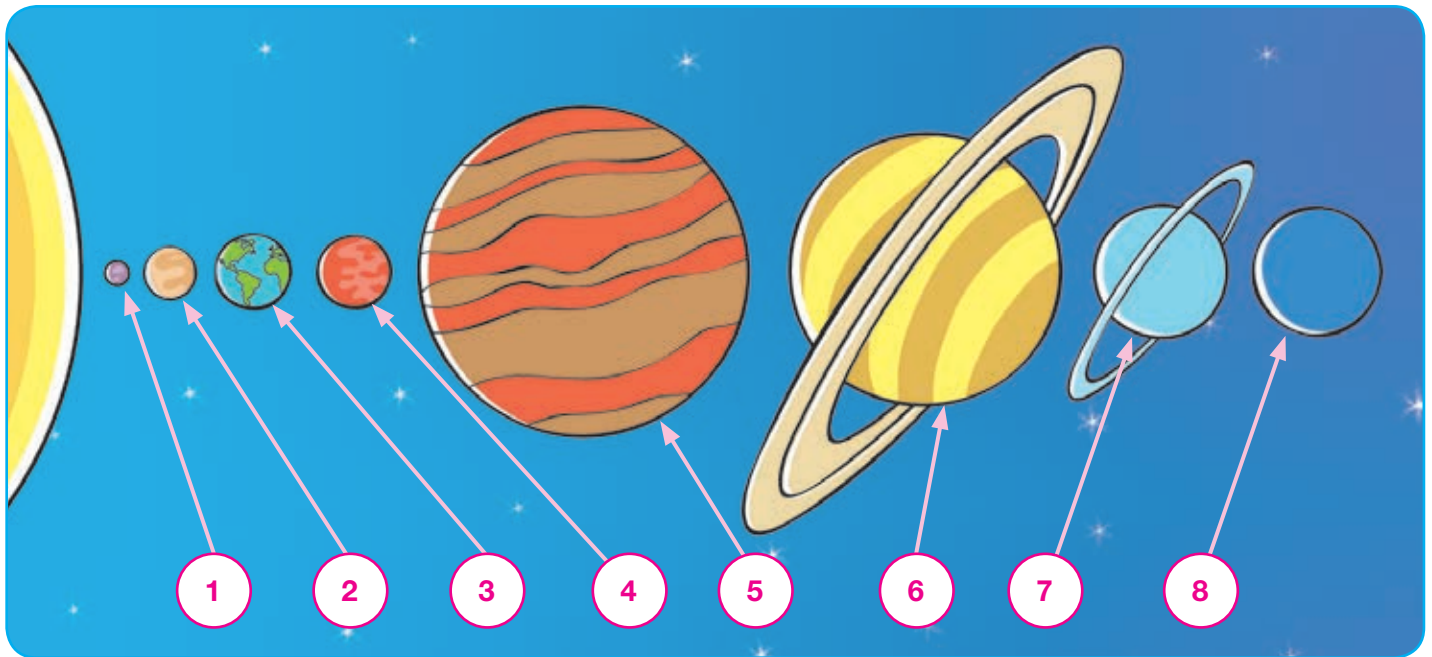


There are ten planets in the Solar System. _____

The Sun is at the centre of the Solar System. _____

The planets move around the Sun. _____

4.  Listen and number the planets.



- | | | | |
|-----------------------------|------------------------------|-------------------------------|-------------------------------|
| <input type="radio"/> Venus | <input type="radio"/> Saturn | <input type="radio"/> Mercury | <input type="radio"/> Jupiter |
| <input type="radio"/> Earth | <input type="radio"/> Mars | <input type="radio"/> Uranus | <input type="radio"/> Neptune |

5. Complete the sentences.

_____ is the fourth planet from the Sun. It's between Earth and Jupiter. It's a red planet.

_____ is a very small planet. It's very hot because it's next to the Sun.

_____ has rings. It's between Jupiter and Uranus. It's the sixth planet from the Sun.

6.  In groups of eight, stand in the order of the planets.

The planets are Mercury, Venus, Earth, Mars, Jupiter, Saturn, Uranus and Neptune. They all move around the Sun.

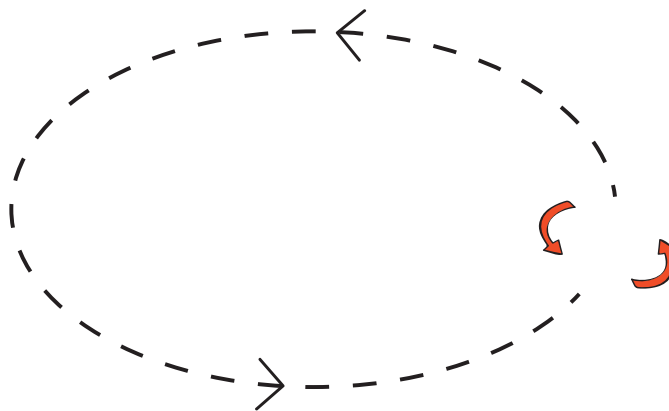
The Earth's movements

The Earth moves in two different ways. **Rotation** is the movement of the Earth on its axis. **Revolution** is the Earth's movement around the Sun.

1. Join the two dots to draw the Earth's axis. Use a ruler.



2.  Listen and draw the Sun and the Earth.



3. Match and write.

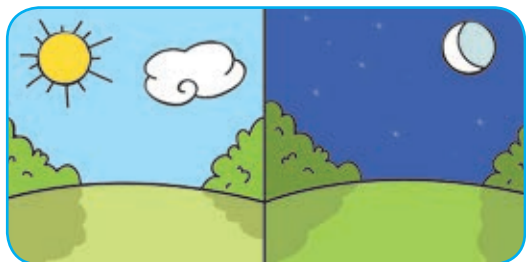
Rotation...

is the movement of the Earth around the Sun.

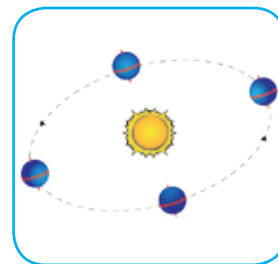
Revolution...

is the movement of the Earth on its axis.

4.  Listen and write *rotation* or *revolution*.

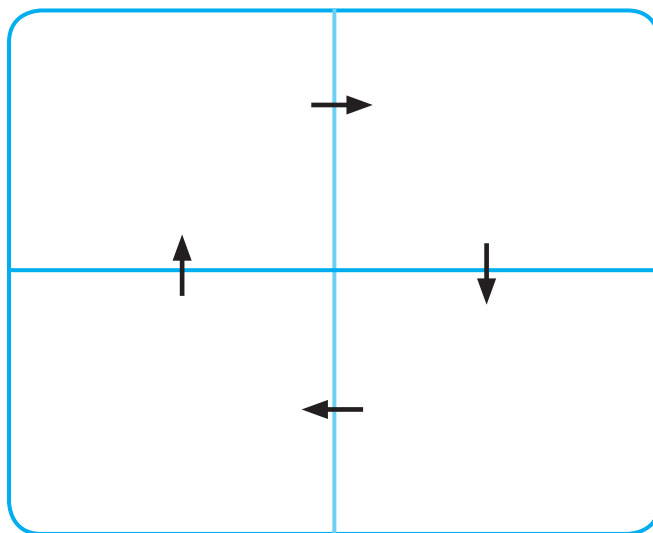






5. Write *spring*, *summer*, *autumn* and *winter*. Then draw.

spring



6.  Do! Mime actions for day or night! Is it dark or light?

Rotation causes night and day. One rotation takes 24 hours. Revolution causes the seasons. One revolution takes one year (365 days).

What's this?



Time and the phases of the Moon

We count time in **hours, days, months and seasons**. We can also count time in **phases of the Moon**.

1.  Listen and write. Then listen again and repeat.

seasons

days of the week

months of the year







2. Write.

Today is _____.

Tomorrow is _____.

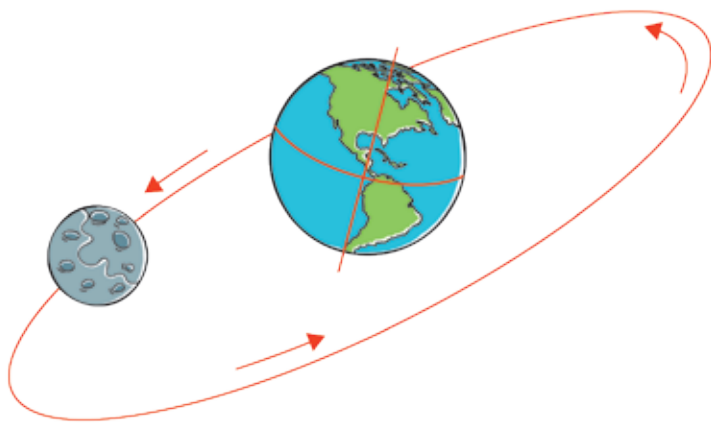
The month is _____.

The season is _____.

3.  Act out the months of the year!

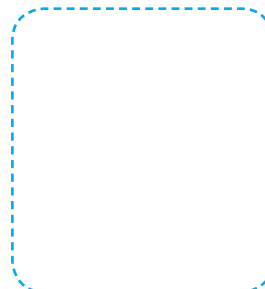
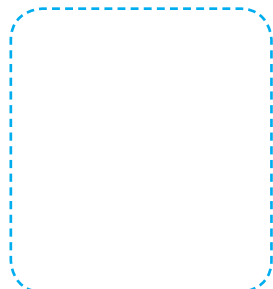
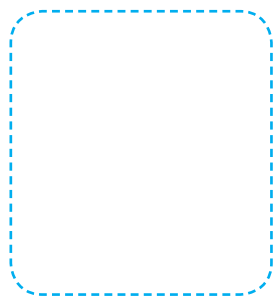
4.   Listen and sing the song.

5.  Listen and write the number.



The Moon takes _____
days to go around the Earth.

6. Look and stick.



7. Write.

The next full moon will be on _____.

The **Moon** moves around the **Earth** and the **Sun** shines on different parts of it. So it looks like the Moon is **changing shape**. The shapes are the **phases of the Moon**.

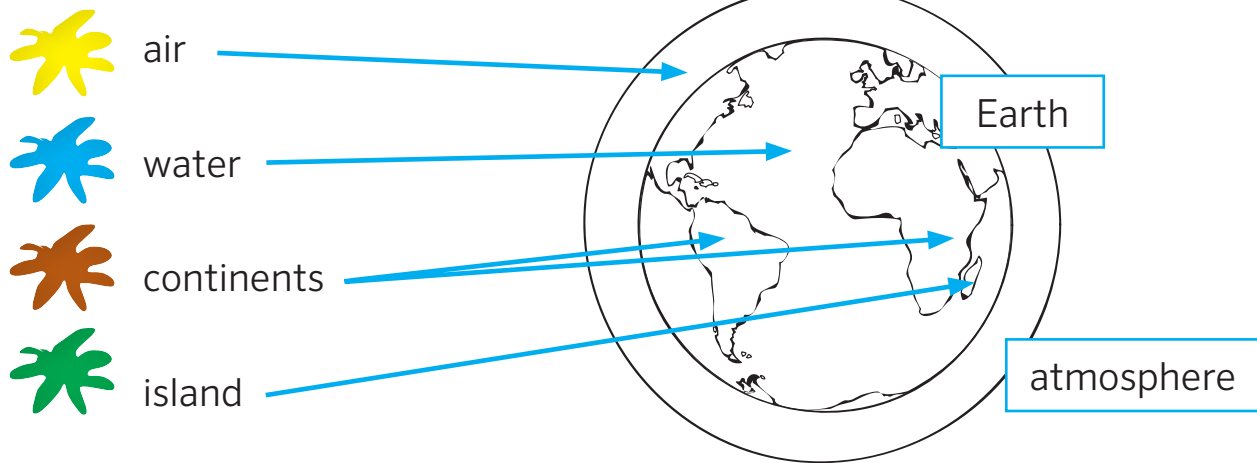
What's this?



The Earth and its layers

Air is around the Earth. Water covers most of the Earth.
Continents and islands are land above water.

1. Look and colour.

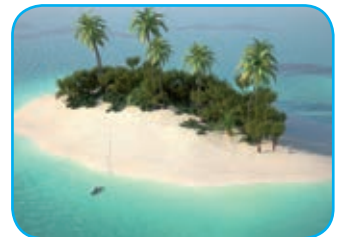


2. Write the words from activity 1.









3. Read and match.

Air...

covers most of the Earth.

Water...

is a large land mass.

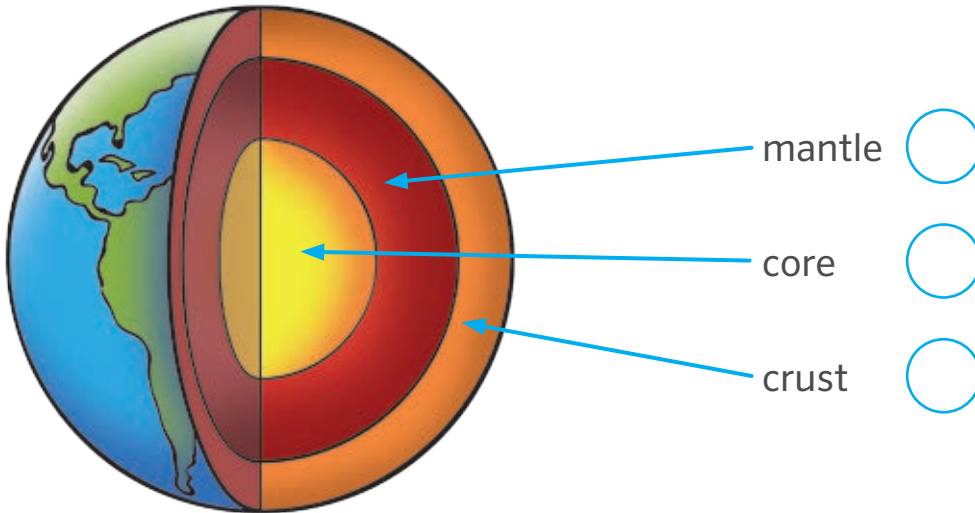
An island...

is around the Earth and it's a mixture of gases.

A continent...

is a small land mass.

4.  Listen and number.



5.   Listen and say the chant!

6. Complete the sentences.

People, animals and plants live on the Earth's _____. It's the outer layer of the Earth.

The _____ is the middle layer of the Earth.

The _____ is the centre of the Earth.

7.  Identify the three layers of the Earth in a boiled egg!



The Earth has different layers. The crust is the outer layer. The mantle is the middle layer. The core is in the centre.

Project time!

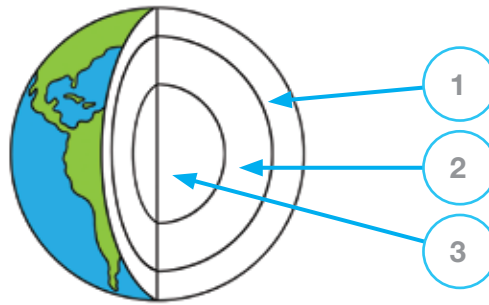


What are the layers of the Earth?

THINK

Colour. Then write.

- 1 blue 2 orange 3 yellow



core mantle crust

- 1 is the _____.
- 2 is the _____.
- 3 is the _____.

DO

MATERIALS

- 3 toothpicks
- labels
- sticky tape
- yellow, orange and blue plasticine





1. Make a ball with yellow plasticine.



2. Put some orange and blue plasticine around it.



3. Make labels and stick them to the toothpicks.



4. Poke the toothpicks with the labels into each layer.

LEARN

Complete the sentences.

core yellow mantle crust orange

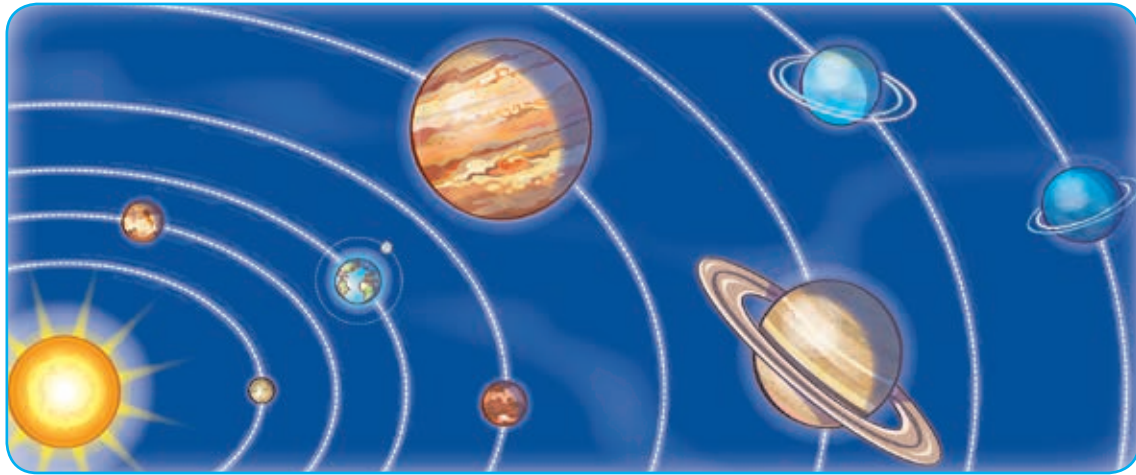
The _____ is the outer layer. It's blue in my model.

The _____ is the middle layer. It's _____
in my model.

The _____ is the centre. It's _____ in my model.

Let's revise!

1. Complete the sentence.



There are eight planets in our Solar System: Mercury, _____,
_____, Mars, Jupiter, Saturn, _____ and
_____.

2. Complete and read the text.

islands revolution core seasons Sun Earth rotation

There are planets and satellites in the Solar System.

We live on planet Earth. The planets move around the _____.

Rotation is the movement of the Earth on its axis. _____ is
the movement of the Earth around the Sun.

_____ causes day and night. Revolution causes the _____.

The movement of the Moon around the _____ makes the Moon
look like it's changing shape.

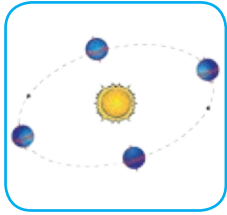
Air is around the Earth. Water covers most of the Earth. Land is the part
above water, where we find continents and _____.

The Earth has different layers: the crust, the mantle and the _____.

3. Match.



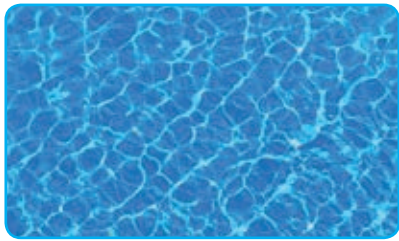
revolution



rotation



4. Write *air*, *water* or *land*.













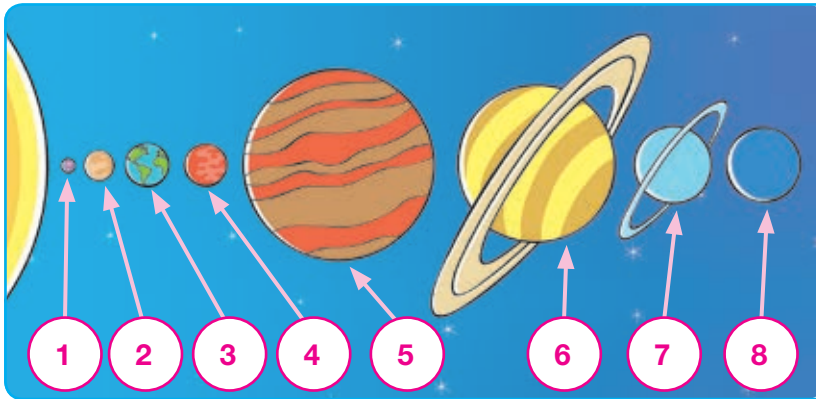
My work in this unit is...



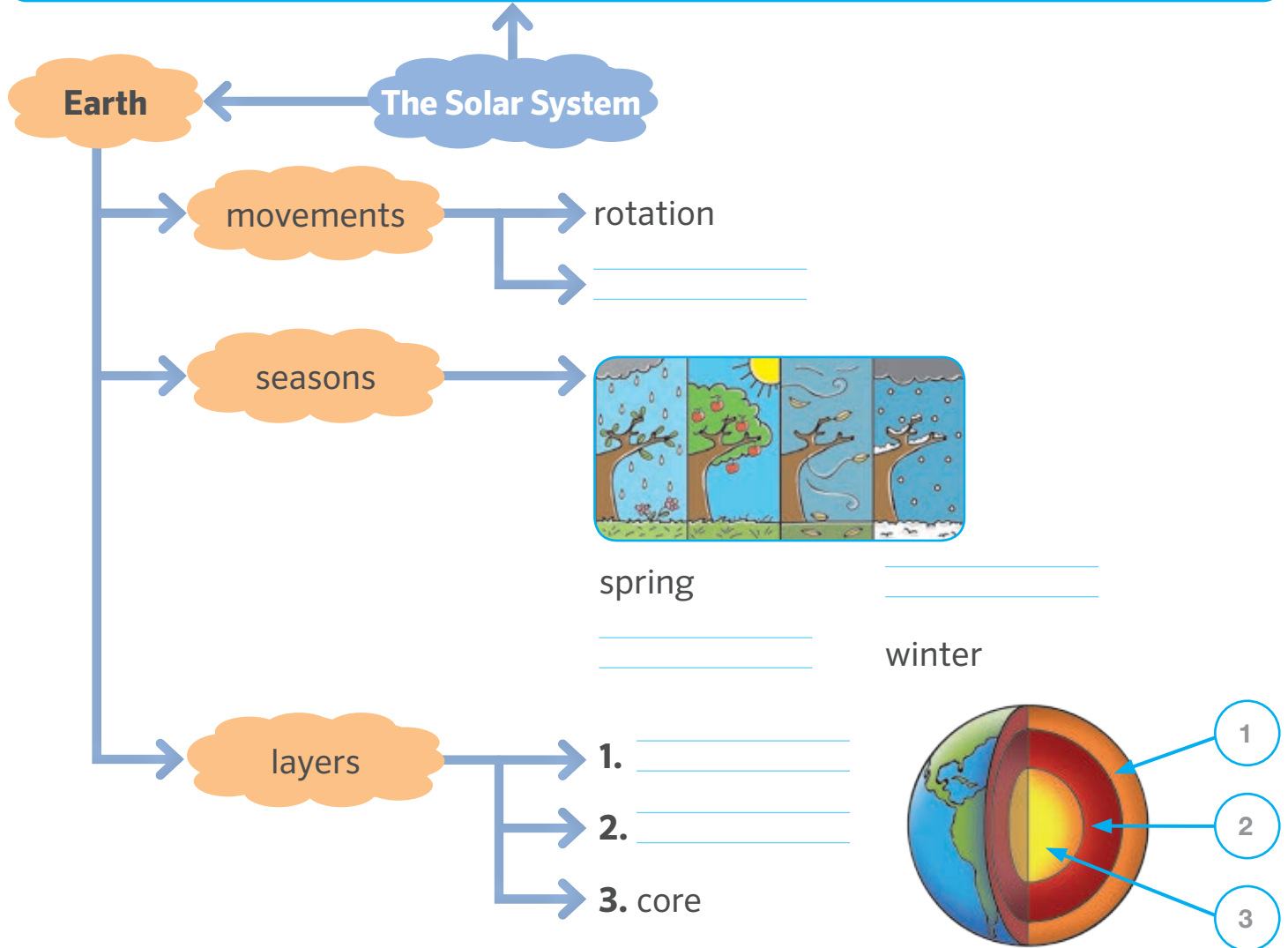
Study skills!

Complete the concept map.

summer Saturn mantle autumn Mars revolution crust



- | | |
|------------|------------|
| 1. Mercury | 5. Jupiter |
| 2. Venus | 6. _____ |
| 3. Earth | 7. Uranus |
| 4. _____ | 8. Neptune |



PICTURE DICTIONARY



autumn



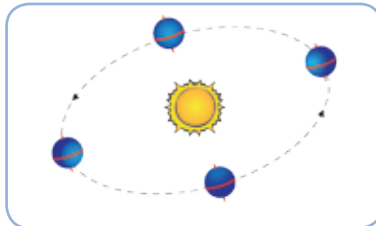
months



phases of the Moon



planet



revolution



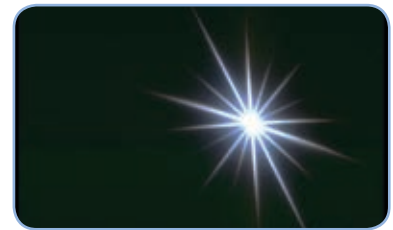
rotation



satellite



spring



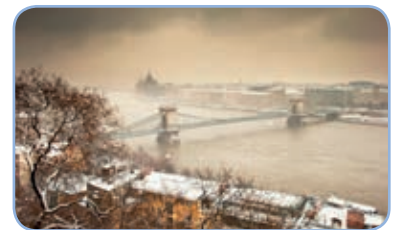
star



summer



Sun



winter