1. Listen and tick the words you hear.

- France
- Earth
- Neptune
- planets
- astronaut
- satellite

Objectives
In this unit you will learn about...

Project time!
Make a plasticine planet.
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.

   - 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.**

![Diagram of the solar system with numbered planets](image)

- 1. **Venus**
- 2. **Earth**
- 3. **Mars**
- 4. **Jupiter**
- 5. **Saturn**
- 6. **Uranus**
- 7. **Neptune**

5. **Complete the sentences.**

- **Mars** is the fourth planet from the Sun. It’s between Earth and Jupiter. It’s a red planet.
- **Venus** is a very small planet. It’s very hot because it’s next to the Sun.
- **Saturn** 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.

![Diagram of Earth's axis]

2. Listen and draw the Sun and the Earth.

![Diagram of the Earth revolving around the Sun]

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.

6. 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).
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.

<table>
<thead>
<tr>
<th>seasons</th>
<th>days of the week</th>
<th>months of the year</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
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<td></td>
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</tr>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

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.
Time and the phases of the Moon

5. Listen and write the number.

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.


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.
The Earth and its layers

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!

THINK

Colour. Then write.

1 blue  2 orange  3 yellow

What are the layers of the Earth?

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.

<table>
<thead>
<tr>
<th>core</th>
<th>yellow</th>
<th>mantle</th>
<th>crust</th>
<th>orange</th>
</tr>
</thead>
</table>

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.
1. **Complete the sentence.**

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

2. **Complete and read the text.**

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 _____________.

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Let's revise!
3. Match.

- [Image of Earth with arrows indicating revolution]
  - revolution

- [Image of planets orbiting the sun]
  - rotation

4. Write *air, water or land*.

- [Image of water]
- [Image of world map]
- [Image of autumn leaves]
- [Image of hot air balloons]
- [Image of green fields]

My work in this unit is...

- [OK]  
- [GOOD]  
- [EXCELLENT]
Study skills!

Complete the concept map.

The Solar System

Earth

movements

rotation

seasons

layers

1. Mercury
2. Venus
3. Earth
4. __________
5. Jupiter
6. __________
7. Uranus
8. Neptune

summer  Saturn  mantle  autumn  Mars  revolution  crust

seasons

summer  Saturn  mantle  autumn  Mars  revolution  crust

1. Mercury
2. Venus
3. Earth
4. __________
5. Jupiter
6. __________
7. Uranus
8. Neptune

rotation

spring

summer  Saturn  mantle  autumn  Mars  revolution  crust

winter

1. __________
2. __________
3. core

layers

1. __________
2. __________
3. core

seasons

1. __________
2. __________
3. __________

The Solar System
PICTURE DICTIONARY

autumn

months

phases of the Moon

planet

revolution

rotation

satellite

spring

star

summer

Sun

winter