

UNIT 1

OUR PLANET

1. Match each word with its definition.

- | | | | |
|--------------|---|---|--|
| Galaxies | • | • | A collection of gas, dust, planets and stars |
| Planets | • | • | Galaxy that contains the Earth |
| Solar System | • | • | Our planet |
| Milky Way | • | • | Includes a central star and eight planets that orbit it |
| Earth | • | • | Mercury, Venus, Earth, Mars, Jupiter, Saturn, Uranus and Neptune |
| Moon | • | • | Earth's natural satellite |

2. Why does the Earth have got life? Complete the text with the missing words.

atmosphere temperature life chemicals water respiration

Sun rocks

The Earth is the only planet that has got _____. This is because the temperature is perfect, there's liquid _____ and lots of _____ living things need to survive.

Also, the _____ is a mixture of gases that surrounds the Earth. The atmosphere regulates the _____ on the Earth, protects us from the _____, provides us with oxygen for _____ and stops _____ from space hitting the Earth. Without the atmosphere water can't exist in liquid form.

3. What movement of the Earth causes day and night?



Use the map above to help you answer a) and b)

- a) Find one country where it's daytime. _____
 b) Find one country where it's night-time. _____

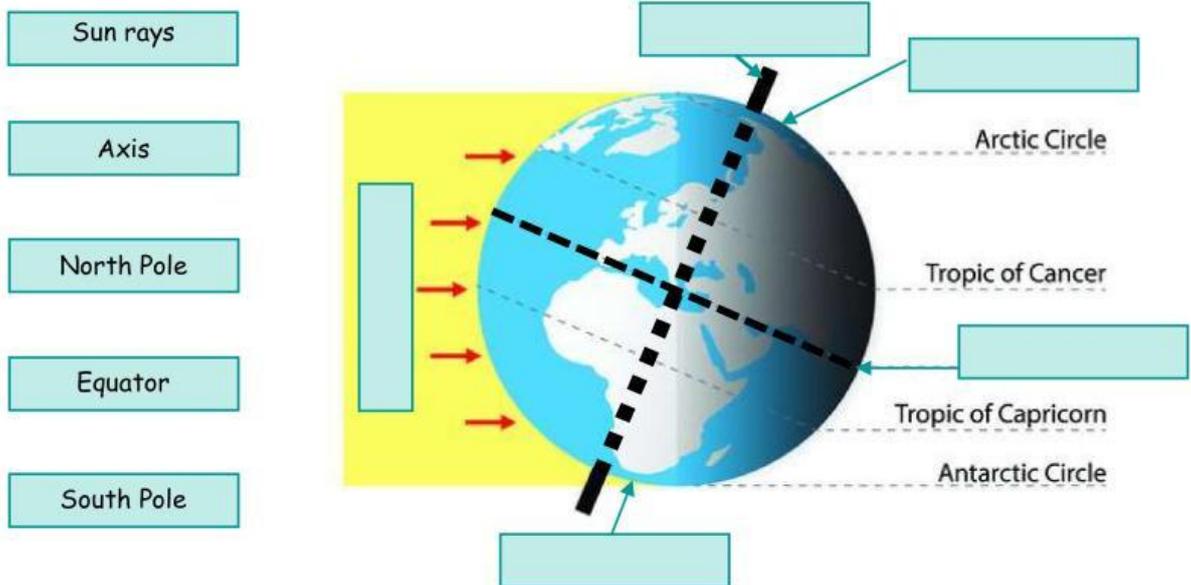
4. Read the text and fill in the gaps.

axis rotation 24 hours day South Pole Earth's tilt 23,5

The Earth spins on its axis. This is called _____ and it causes day and night. Rotation movement takes _____, which means the Earth takes 24 hours to complete one rotation. This is equivalent to 1 _____.

The Earth _____ is an invisible line between the North Pole and the _____. It isn't completely vertical: this is called the _____. The Earth's tilt angle is about _____ degrees. Because of the tilt, the hours of sunlight vary in different places as the Earth rotates.

5. Label the diagram about Earth's rotation movement.

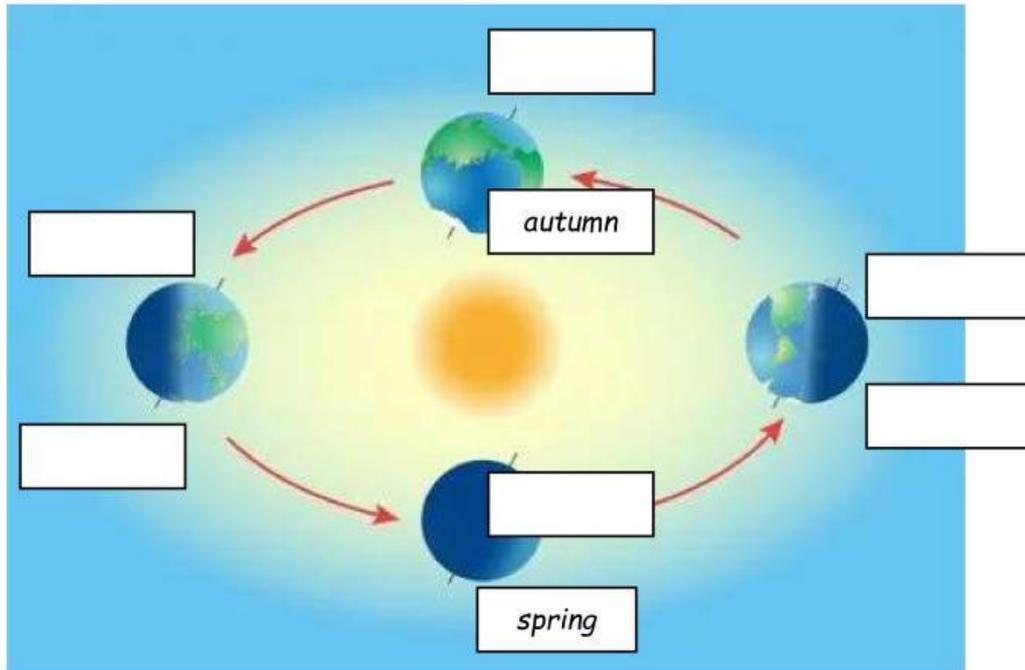


6. Read the text and fill in the gaps. Then, label the diagram with the right season.

summer winter revolution seasons longer 365 shorter hours

The Earth orbits around the Sun. This movement is called _____. It takes _____ days and 6 _____ for the Earth to complete one revolution around the Sun. The Earth's revolution and the Earth's tilt cause the _____, because some parts of the Earth get more light and heat.

- When the North Pole is tilted towards the Sun the days are _____ and warmer in the Northern Hemisphere. It's _____.
- When the North Pole is tilted away from the Sun, the days are _____ and colder in the Northern Hemisphere. It's _____.



7. Are the following sentences true or false? Write T (true) or F (false). If they're false, correct them in your notebook.

- It takes 48 hours for the Earth to complete one rotation. _____
- The Earth's tilt is 23.5 degrees. _____
- It's daytime for the half of the Earth facing away from the Sun. _____
- It's night-time for the half of the Earth facing the Sun. _____
- The sun comes up in the east and comes down in the west. _____
- The hours of sunlight are always the same. _____
- It takes 364 days and 6 hours for the Earth to complete one revolution. _____
- The Earth's tilt doesn't cause the seasons. _____

8. Complete the following chart about seasons characteristics.

Lowest temperature
Highest temperature

Temperatures go up
Temperatures go down

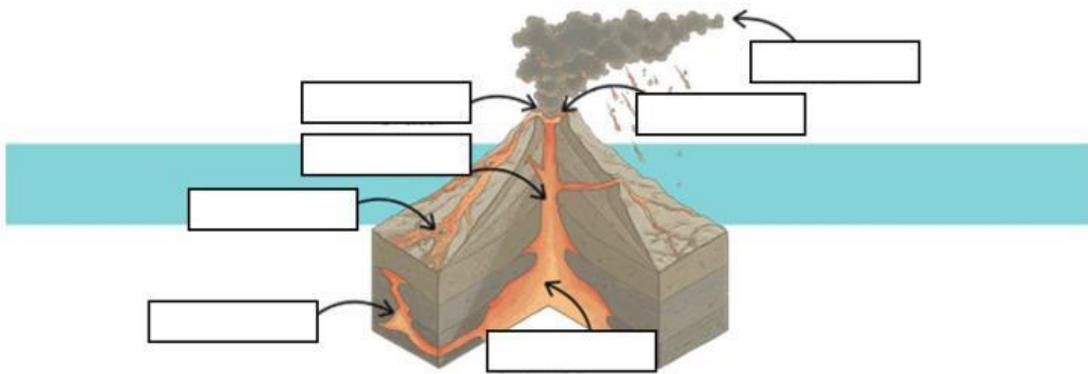
Days are longer
Days are shorter

Characteristics of winter	Characteristics of spring	Characteristics of summer	Characteristics of autumn

11. What natural hazards are? How are they related to natural disasters? Name two examples.

12. Label the diagram about the parts of a volcano.

crater lava magma magma chamber vent ash cloud conduit



13. How does an earthquake happen?
