## A Place near the Sun

7La

#### Name \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Class \_\_\_\_\_\_\_\_\_\_\_

Complete the sentences by using the words below.

**1** The Earth is shaped like a \_\_\_\_\_\_\_\_\_\_\_\_.

1. The Earth gets heat and light from the \_\_\_\_\_\_\_\_\_\_\_\_.
2. The Earth spins on its \_\_\_\_\_\_\_\_\_\_\_\_.
3. A day is the time it takes for one \_\_\_\_\_\_\_\_\_\_\_\_.
4. There are 24 hours in one \_\_\_\_\_\_\_\_\_\_\_\_.

**axis day sphere spin Sun**

# Look at the diagram

1. Colour the Sun yellow.
2. Colour the Earth blue.
3. Put a cross on the side of Earth that is in darkness.

##### Match up

year

satellite

orbit

leap year

The path that the Earth takes round the Sun.

The time taken for Earth to go around the Sun.

This goes around a plant. The Moon is the Earth’s …

When a day is added to every fourth year. This is

because an Earth year is 365.25 days long.

## Moonshine

7Lb

#### Name \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Class \_\_\_\_\_\_\_\_\_\_\_

**1** The Moon reflects sunlight back towards the Earth.

Moon

Sun

Earth

a ) Colour the Sun yellow.

b ) Colour the half of Earth that is in daylight yellow.

c ) Colour yellow the half of the Moon that is lit by the sun.

d ) Draw a yellow arrow from the Sun to the Moon.

e ) Colour the arrow from the Moon yellow.

**2** Choose the correct answers.

a) When the Moon looks like a full circle, it is called

a full moon

a circle moon

b) When the Moon moves around Earth it takes

20 days

28 days

**3** TheMoon is between the Sun and the Earth.



The diagram shows a (lunar/solar) eclipse.

## 7Lc A plan for all seasons

#### Name \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Class \_\_\_\_\_\_\_\_\_\_\_

**1** Label the diagram using the words in the box.

summer

winter

sun

tilted

We have seasons because the Earths axis is .

**2** Label the Earth’s hemispheres.

northern hemisphere

southern hemisphere

**3** Choose the correct word

The Sun feels hotter in the summer because it is higher lower in the sky

more

less

and its rays are concentrated.

Summer days are also warmer than winter days because the sun is shining for

longer and has more less time to warm the air.

## The solar system

7Ld

#### Name \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Class \_\_\_\_\_\_\_\_\_\_\_

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Mercury Venus Earth Mars Jupiter Saturn Uranus Neptune Pluto

**1** A solar system contains a star at the centre and other objects (orbiting/still) around the star.

### Tasks

Colour …

Mercury – purple

Venus – grey

Earth – green

Mars – red

Jupiter – brown

Saturn – orange

Uranus – pink

Neptune – dark blue

Pluto - blue

**3** Which planet is closest to the Sun?

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**4** Which planet is the largest?

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**5** Which planet is furthest away from the Sun?

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**6** Which planet has the biggest rings?

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**7** Which two planets are closest to the Earth?

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ and \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**8** Which is the only planet that has living things?

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**2**

## Starry starry night

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**Name \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Class \_\_\_\_\_\_\_\_\_\_\_**

**1** A pattern of stars is called a

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1. A large group of stars is called a

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1. The Sun is in a galaxy called the

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1. All the galaxies together make up the

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**5** Stars are huge balls of

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|  |  |  |  |

constellation

galaxy

Milky Way

gas

Universe

**Find the words**

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| a | b | c | d | e | f | g | h | I | j | l | m | n |
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| d | l | a | b | c | g | a | l | a | x | y | d | c |