

7L The solar system and beyond

literacy in science

Science Interactive LTD. PO BOX 50764 LONDON NW6 9AT email: sales@science-interactive.co.uk

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Answer all the questions below:



Click mouse to reveal answer

1) Unscramble the following words:

yavgrit

lasor ystesm

siateltel

ilmky ywa

2) Make three sentences using the following nine words or phrases:

earth spins
earth's seasons
solar eclipse

own axis
are caused
moon passes

day
tilted axis
between sun / earth

3) Match the word or phrase with the right meaning:

Star

How planets move around the sun in an elliptical path

Moon

Orbiting every lunar month, this is Earth's natural satellite

Orbit

A mass of hydrogen gas emitting light and heat

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Answer all the questions below:

1) Unscramble the following words:

gravity

Solar system

satellite

milky way

2) Make three sentences using the following nine words or phrases:

earth spins
earth's seasons
solar eclipse

own axis
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moon passes

day
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3) Match the word or phrase with the right meaning:

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complete the sentence

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Place the right word or words to complete the sentence:

 [Click mouse to reveal answer](#)

nine

jupiter

away

moon

earth

sun

mercury

spin

four

- a) The first three planets from the sun outwards are _____, Venus and Earth.
- b) The Earth spins on its axis. One full _____ takes a 24 hrs.
- c) _____ is the largest planet in the solar system.
- d) During our winter, the northern hemisphere is pointed _____ from the sun.
- e) The _____ orbits the Earth once a month.
- f) A solar eclipse is when the moon passes between the _____ and the sun.
- g) The _____ is a giant star containing hydrogen gas which emits light and heat energy.
- h) There are _____ phases Earth's year; autumn, winter, spring and summer.
- i) In our solar system there are _____ planets, the odd comet and many asteroids.

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complete the sentence

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Place the right word or words to complete the sentence:

nine

jupiter

away

moon

earth

sun

mercury

spin

four

- a) The first three planets from the sun outwards are Mercury, Venus and Earth.
- b) The Earth spins on its axis. One full spin takes a 24 hrs.
- c) Jupiter is the largest planet in the solar system.
- d) During our winter, the northern hemisphere is pointed away from the sun.
- e) The moon orbits the Earth once a month.
- f) A solar eclipse is when the moon passes between the Earth and the sun.
- g) The sun is a giant star containing hydrogen gas which emits light and heat energy.
- h) There are four phases Earth's year; autumn, winter, spring and summer.
- i) In our solar system there are nine planets, the odd comet and many asteroids.