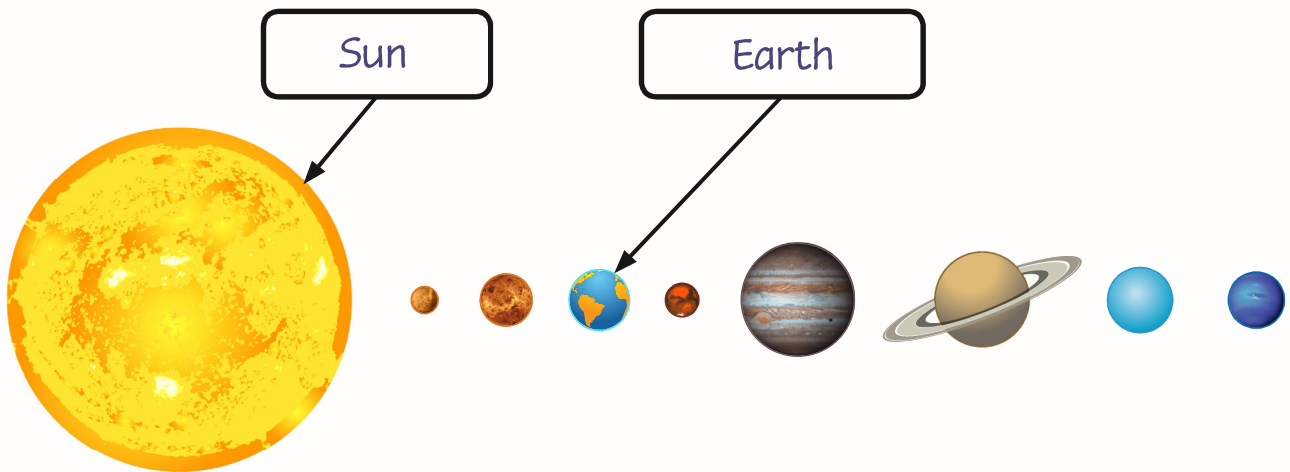


1 Our solar system



Complete the following:

a In the diagram above, label the empty boxes.  
(Both must be correct for 1 mark.)

1  
1 mark

b Which of the following words best describes the shape of the Earth?  
Tick the correct box.

circular  spherical  elliptical  oval

1  
1 mark

c Which of the following sentences is true? Tick **one** box.

The Earth is the only planet which orbits the Sun.

There are five planets which orbit the Sun.

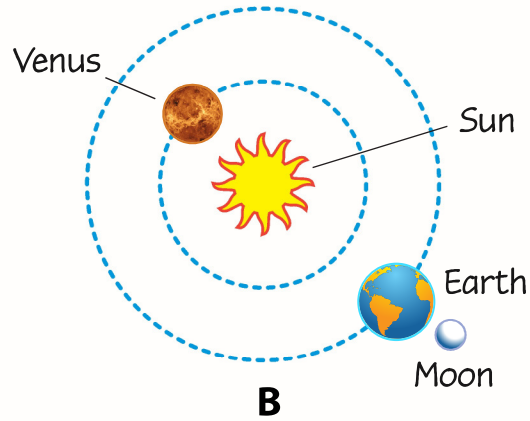
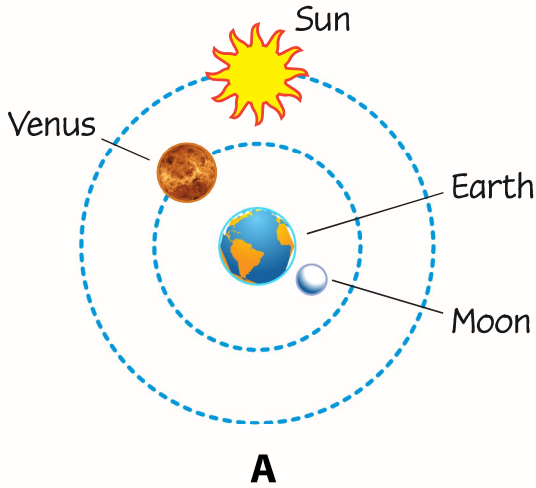
All the planets in the solar system orbit the Sun.

Planets are the only things to orbit the Sun.

1  
1 mark

Page Total 3

2 Moving Earth!



Complete the following:

a Does model **A** or **B** best illustrate the solar system? **B**

Explain your answer.

Answer should suggest that model B correctly shows planets moving around the Sun.

1  
1 mark

b Which of the following sentences are true? Tick **two** boxes.

There is a gravitational force between the Earth and Moon.

The Earth orbits the Moon.

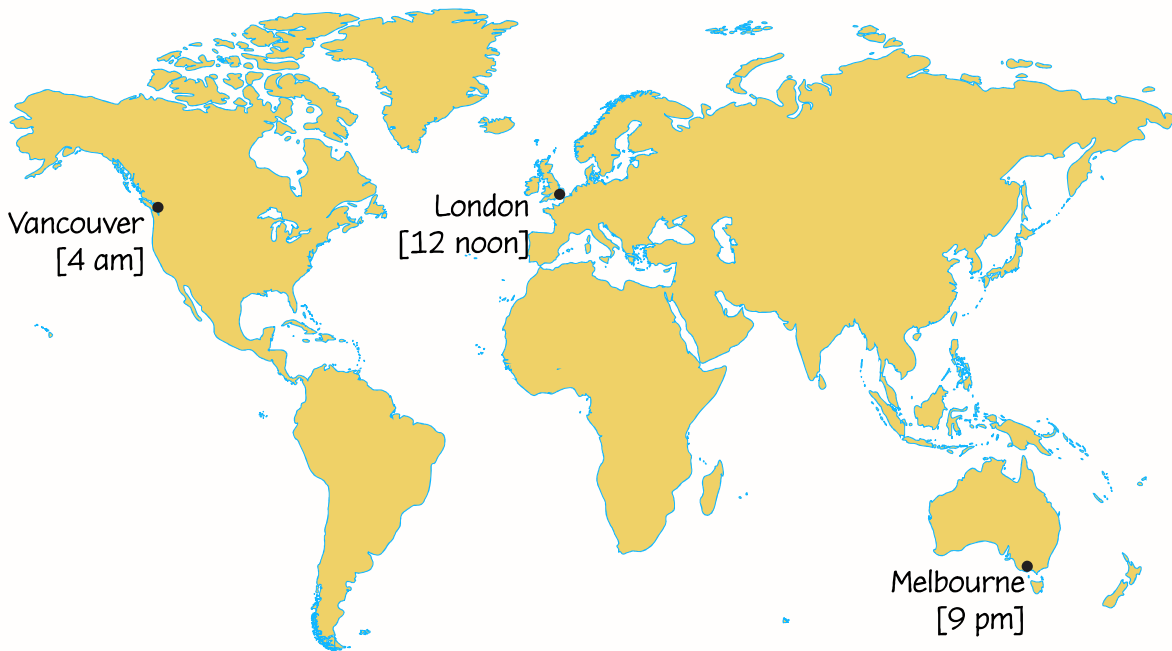
The Moon is oval-shaped.

The Moon orbits the Earth.

2  
2 marks

Page Total **3**

3 Night and day



Complete the following:

a The map above shows the time in three cities. The times are all in the same day. If the day was the 24<sup>th</sup> December, in which city would it be the 25<sup>th</sup> December (Christmas Day) first?

Melbourne

1  
1 mark

b Explain why it looks like the Sun moves across the sky.

Answer should suggest that the Earth's rotation makes it appear that the Sun moves across the sky.

1  
1 mark

Page Total 2

4 Sun, Earth and Moon



Write *true* or *false* next to the statements below:

- a The Earth orbits around the Moon. false  
.....
  
- b The Sun orbits around the Earth. false  
.....
  
- c It takes one day for the Earth to orbit around the Sun. false  
.....

(2 marks for all 3 correct, 1 mark for 2 correct.)

Complete the following:

- d Name one planet, other than the Earth, which has at least one moon.  
*Mars, Jupiter, Saturn, Uranus or Neptune*  
.....

2  
2 marks

1  
1 mark

Page Total 3