Describe the movement of the Moon relative to the Earth.

You will need:

- The Sun, Earth and Moon from this sheet
- 2 sheets of black A4 card
- 2 split pins
- Scissors
- Glue stick
- 3 Sticky labels

1 ⊕

Be careful when you push the split pin through the card. To make it easier, put a piece of modelling clay onto a table with the hole on top. Push the split pin through the card into the plasticine, NOT YOUR HAND!

2 ⊕

Method

Step 1. Cut out the Sun, Earth and Moon from this sheet.

Step 2. Use the circle templates to cut out one large and one small circle of black card from one of your A4 sheets. Use a sharp pencil to mark the points labelled 1, 2 and 3.

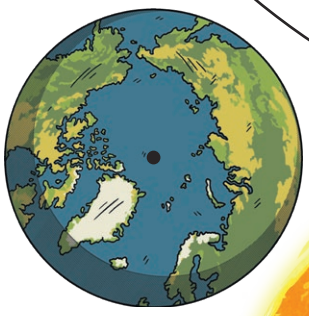
Step 3. Push a split pin through the centre of the Earth, then through point 3 at the centre of the small black circle and finally through point 2 at the edge of your larger black circle.

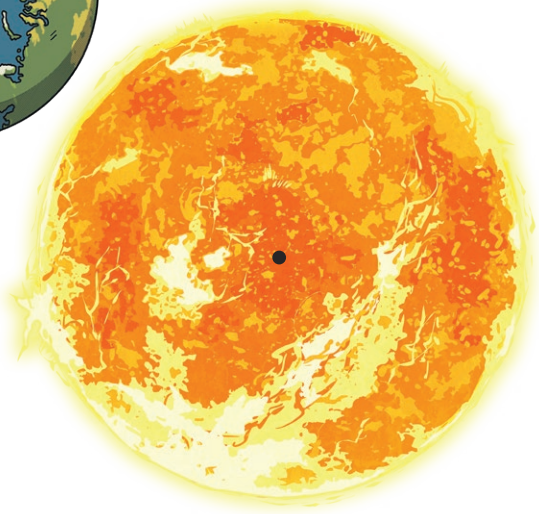
Step 4. Push another split pin through the centre of the Sun, then through point 1 in the centre of the larger black circle, then finally through the centre of your second sheet of black card.

Step 5. Carefully glue the moon on to the edge of your smaller black circle.

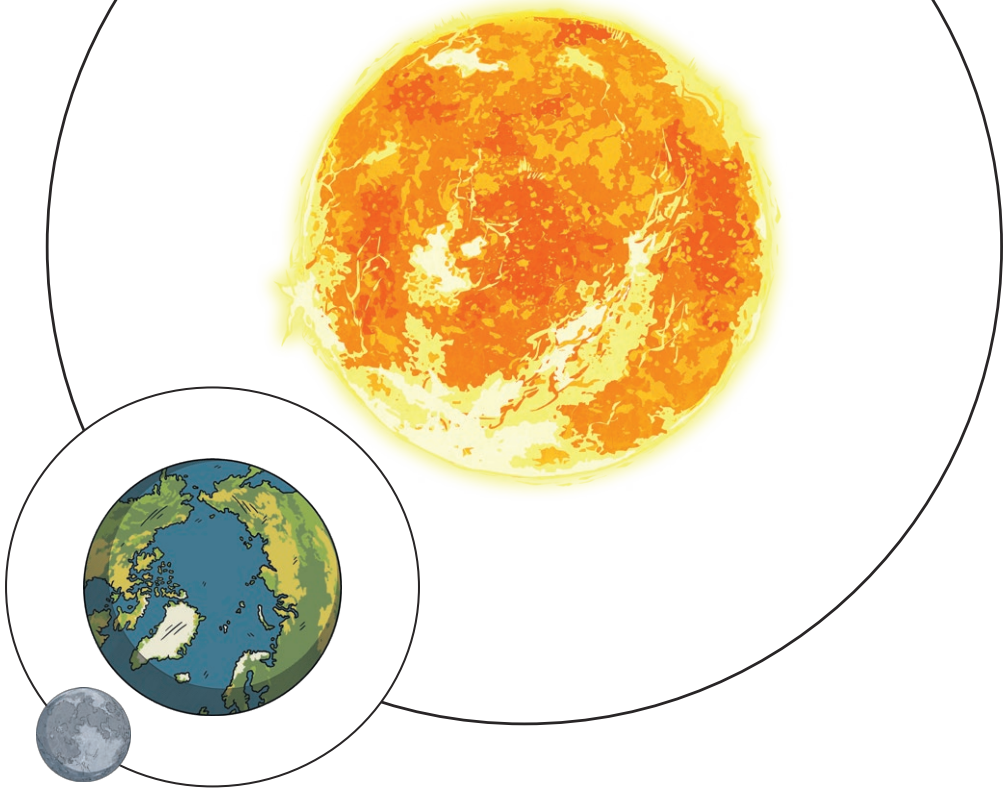
Check:

the Earth can orbit the Sun,
the Moon can orbit the Earth,
the Earth can rotate on its axis.





3 ⊕



Use the Scientific Vocabulary display to describe the movement of the Moon relative to the Earth.

What do you notice about the direction the Moon is facing?

Why is this happening?