

Lesson 3: Explaining the phases of the Moon

Put these sentences in the correct order

When the Earth is between the Moon and the Sun, the side facing Earth is fully lit and the far side will be in complete darkness.

When the Moon is between the Earth and the Sun the side facing Earth is dark because the sunlight only falls on the side facing away from Earth.

This is called a New Moon.

The Moon orbits the Earth as the Earth orbits the Sun.

When the Moon is at right angles to the line between the Earth and the Sun, half of the lit side and half of the dark side can be seen from Earth.

This is called a Full Moon.

This is called a Quarter Moon.

Possible practical extension:

Using a football, a tennis ball and a torch (or similar objects) in a dark room, make a model to demonstrate the phases of the Moon taking pictures or making a video to show the different phases.

Solution:

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