

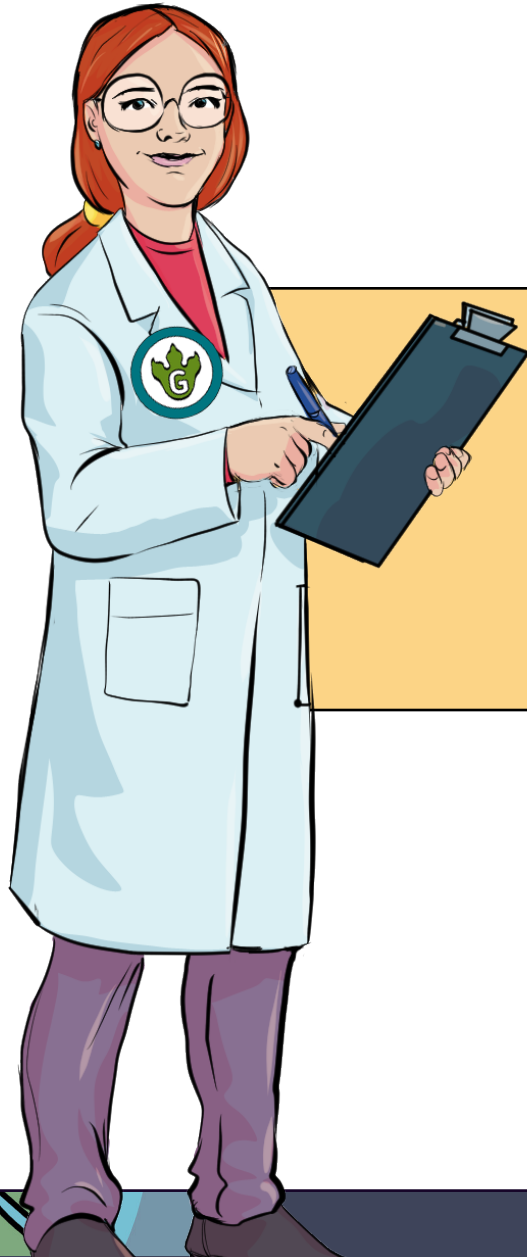
# Earth and Space

I can describe the sun, Earth and moon as approximately spherical bodies.



[www.grammarsaurus.co.uk](http://www.grammarsaurus.co.uk)

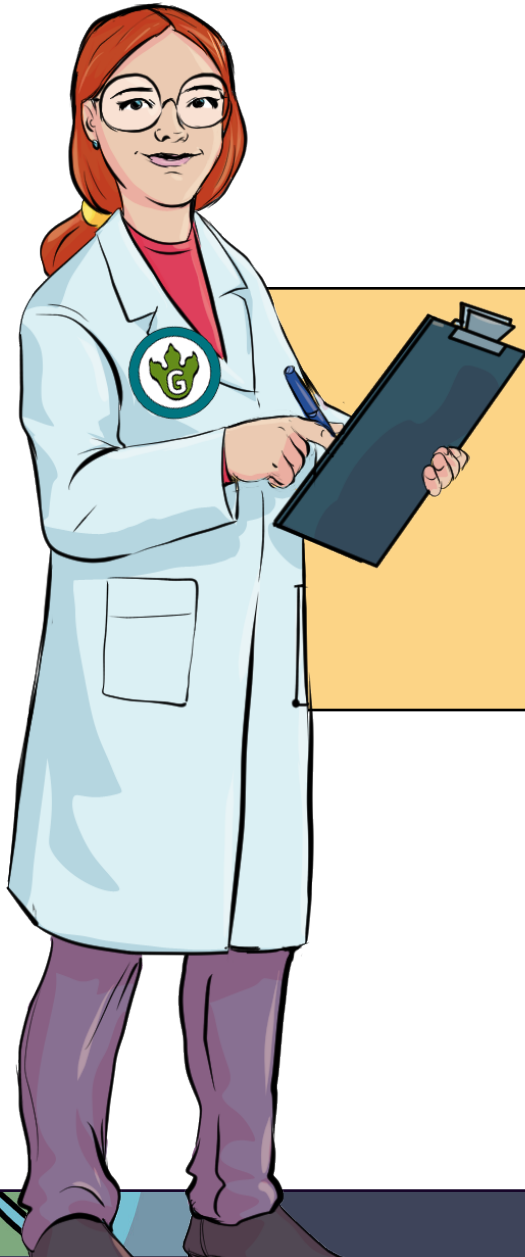
# Thinking Time...



Can you remember the **names of the planets** from the last lesson?



# Thinking Time...



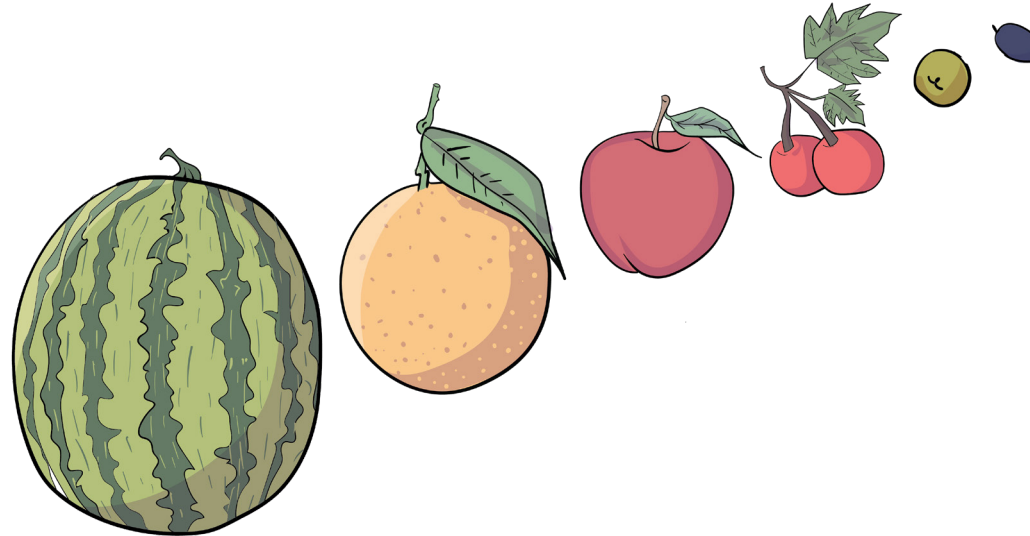
Can you remember the **names of the planets** from the last lesson?

**Mercury, Venus, Earth, Mars, Jupiter,  
Saturn, Uranus, Neptune**



# Pair Activity

On your tables, you have a selection of **fruit**.  
Each one represents a **planet**. Put them in **order**.



We can then **take photos** of our models and **label** them!



# How do we know the Earth is spherical?

**Some people** in the past **believed** that the **Earth was flat!** This is because they **didn't have the technology** we have today. They just believed what they could see.

Watch this clip from **BBC Bitesize** to find out more:

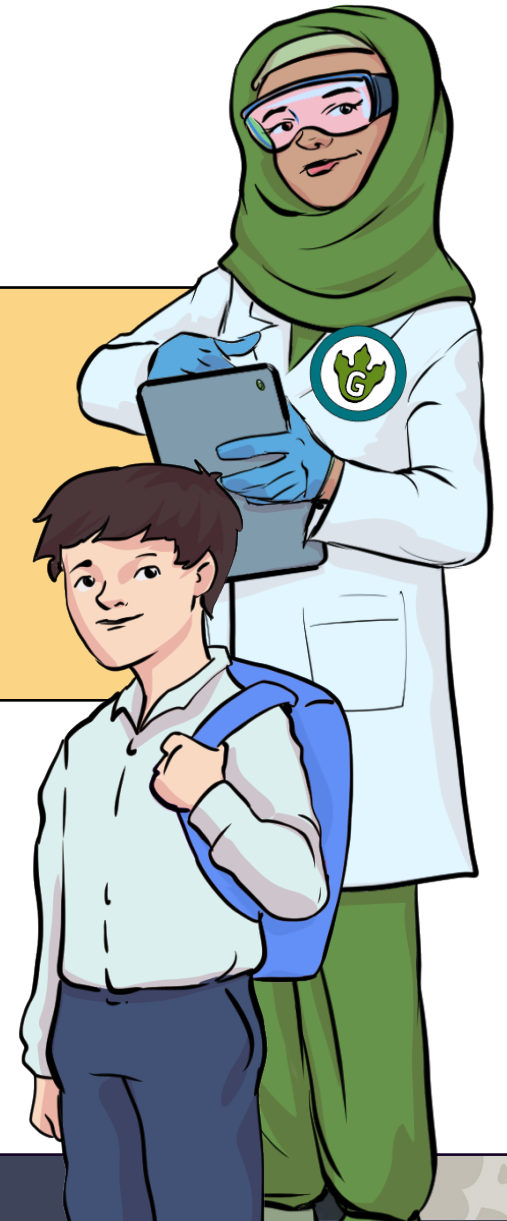
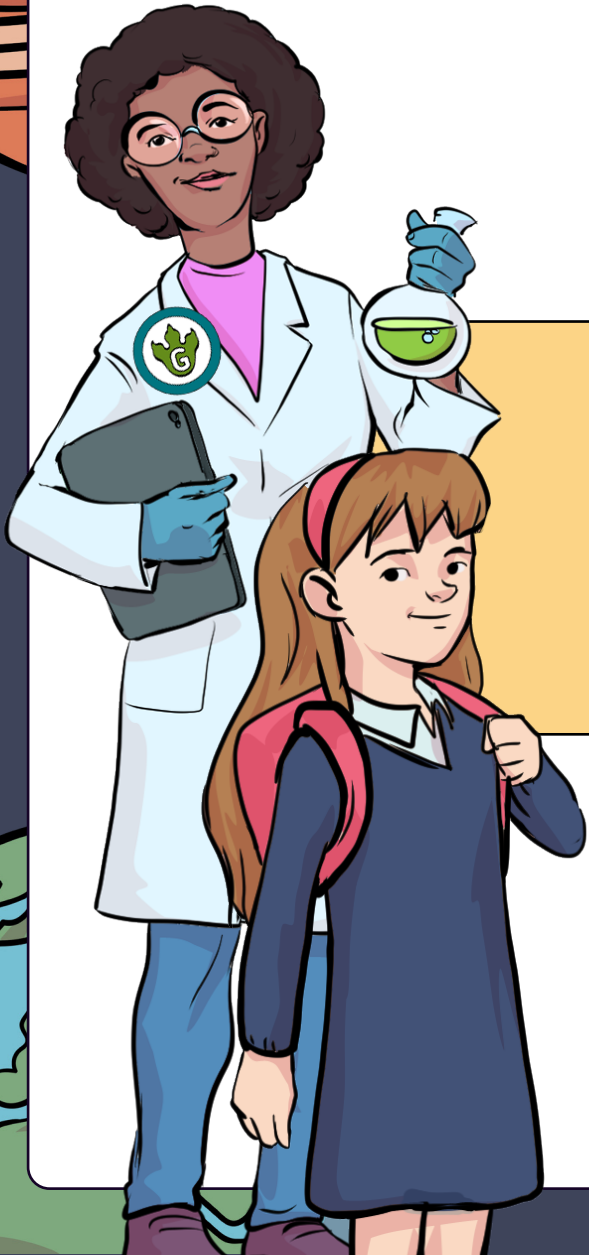
<https://www.bbc.co.uk/bitesize/clips/z9r634j>





# Pair Activity

Write down one reason why **Aristotle** thought the Earth was **spherical** on your whiteboards.



# Pair Activity

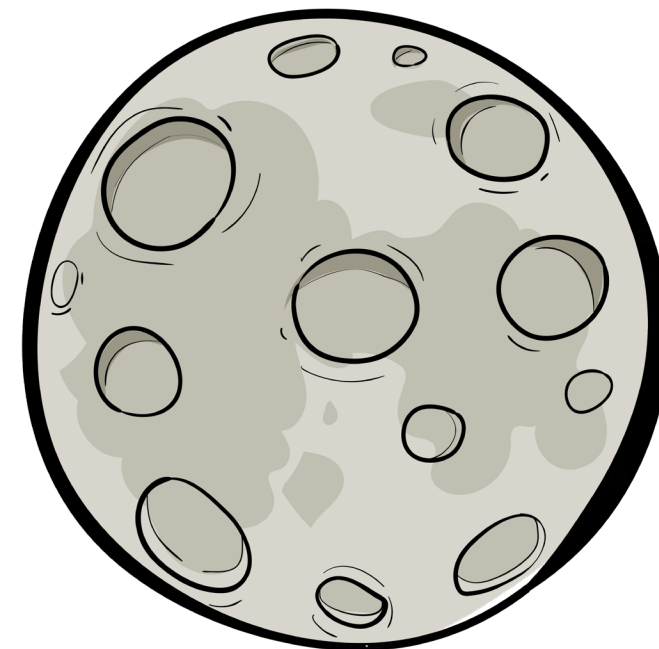
**Aristotle** was a **philosopher** in **Ancient Greece**.  
Most people believed that the Earth was flat because that's what they could see.

Aristotle **found evidence** that it was **round**.

He found that when he observed a ship sail across the ocean, the ship's hull **disappeared below the horizon first**.

He found that you could see **different stars** in the northern skies than you could see in the southern skies.

He observed that the **shadow** that the **Earth** made on the **Moon** during an **eclipse was curved**.

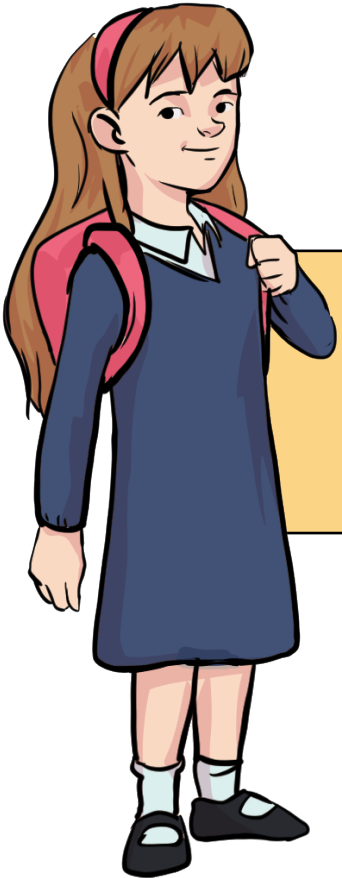


Can you think of more **evidence proving** that the **Earth is spherical**?



# Independent Activity

Look at the cartoon you have been given.



I think the Earth is ball-shaped because you can see a curve when you fly in a plane.



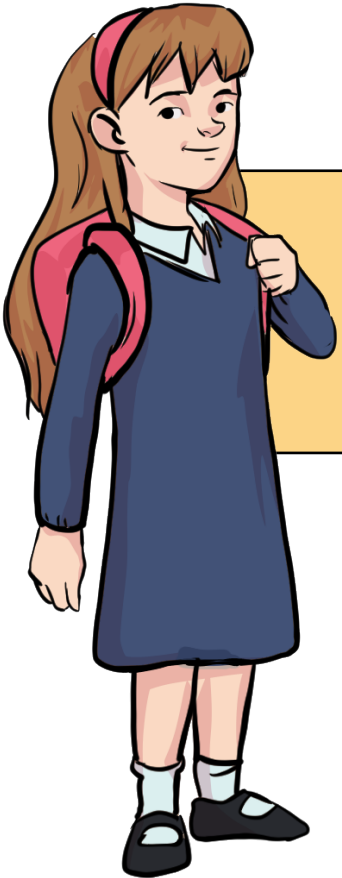
I think the Earth is flat because if it were round, we would fall off!

**What do you think? Why?**





# Thinking Time...



I think the Earth is a ball shape because when you go on a plane, you can see a curve.

Well I think the Earth is flat because if it was round we would fall off!



**What do you think?**

