

Spherical Bodies

twinkl

Aim

- I can explain why we know the Sun, Earth and Moon are spherical.
- I can identify scientific evidence which does or does not provide evidence for an idea or argument.

Success Criteria

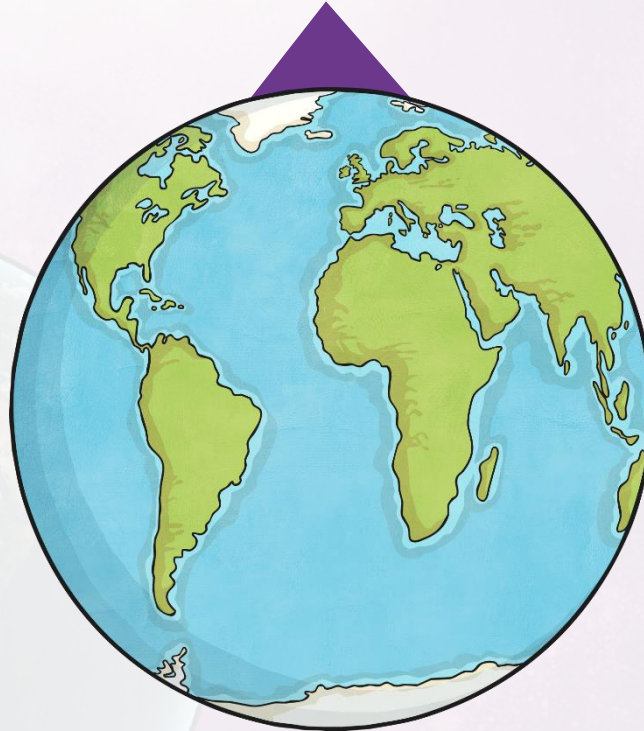
- I can describe a sphere.
- I can describe the Sun, Earth and Moon as spherical.
- I can name at least two different shapes the Earth was thought to be.
- I can identify scientific evidence with support.
- I can identify scientific evidence.
- I can identify scientific evidence that has been used to support or refute ideas.

Ideas and Evidence



What shape is hidden under this globe?

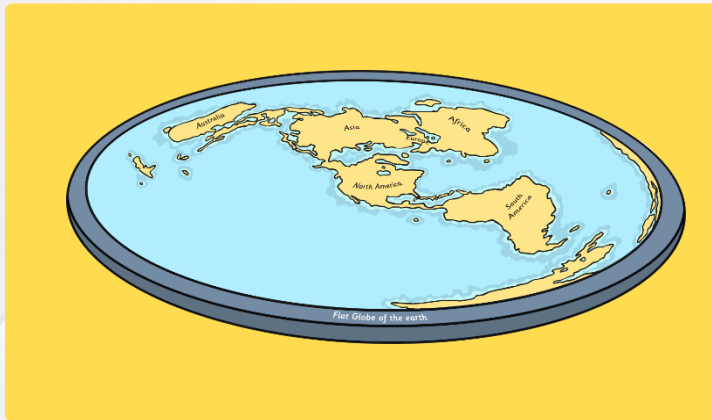
What is your evidence?



Flat Earth Versus Spherical Body



What are the arguments for a flat Earth?



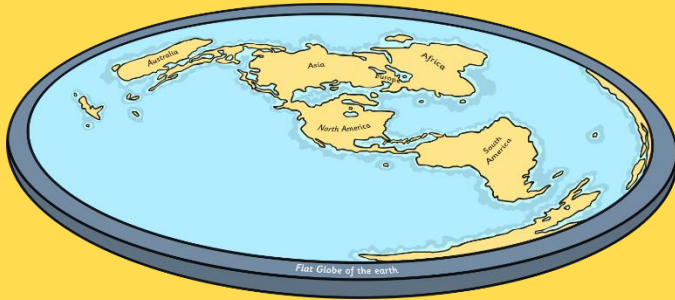
What are the arguments for a spherical Earth?



Read through the **Shape Of The Earth Evidence Cards**.

Sort the evidence into two groups – one that supports the idea that the Earth is flat and the other that supports the idea that the Earth is a sphere.

Identifying Evidence



Which idea has the most evidence to support it?

What do you think based on the evidence?



A stylized illustration of the Earth and the Moon. The Earth is shown as a large sphere with blue oceans and green landmasses, partially obscured by the Moon. The Moon is a smaller, grey sphere with visible craters and maria, positioned in the foreground. The background is a light blue gradient.

Sun and Moon



It is a bit more complicated to find out who discovered the Sun and Moon were spherical.

We know that according to the Ancient Greek beliefs, the 'heavens' were perfect as was the sphere. Therefore, they came to the conclusion that the Sun and Moon must be spherical rather than flat.