

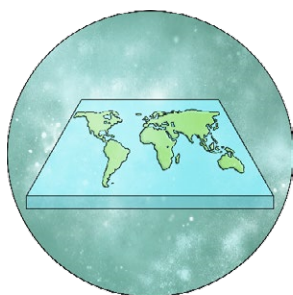
Scientific Ideas and Evidence

Review the evidence for and against a spherical Earth.

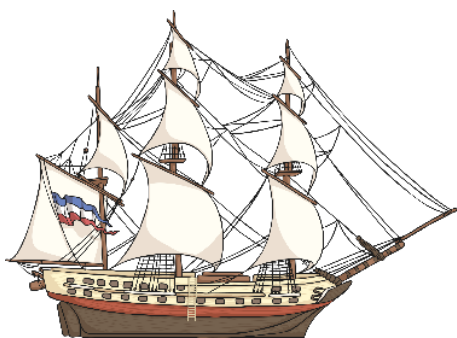
Evidence for Flat Earth Theory



From ancient times people have believed in a flat Earth based on what it looks like to them.

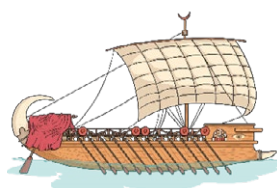


The ancient Chinese believed in a flat Earth.



Some people believe that maps are wrong and that ships sail around the land not the world.

Evidence for Spherical Earth Theory



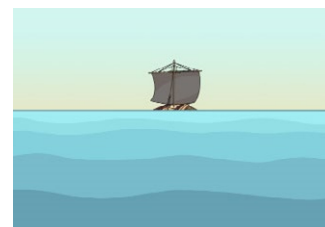
Sailors made observations about the position of the Sun and stars.



Ships have sailed all the way around the world.



Planes have flown around the world and never seen the edge.



Observations of ships sailing across the horizon.



Shadows cast by the Earth on the Moon during a lunar eclipse.



Pictures of Earth viewed from Space.



Write a short explanation text which includes evidence for the different theories before writing a conclusion based on what you think about the shape of the Earth. There are key words and sentence starters to help you.

Shape of the Earth

Flat Earth Theory

Spherical Earth Theory

Conclusion

I think the Earth is _____. The evidence that the Earth is _____ is stronger because

Key Words:

square	
flat	spherical
sphere	observations
evidence	support
change	ideas
refute	circle

Sentence starters:

It was believed that ____ Some people think that ____
In the past ____ The evidence supports the idea ____
The evidence from ____ shows ____
In addition, there is evidence ____
It is clear from the evidence of ____ that ____