

## **Earth and Space**

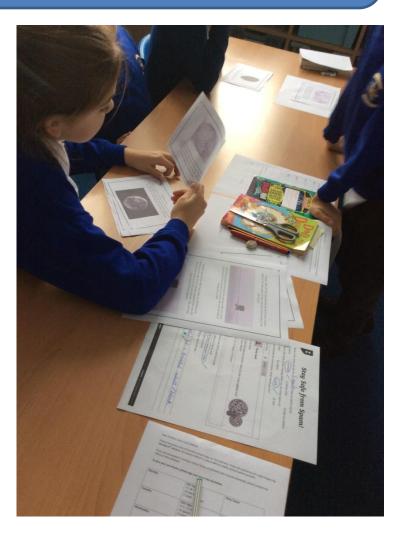
**Spring 2 2023** 

**Class Lynher** 

In our first lesson we learnt about the shape of the Earth, Sun and Moon and how ideas have changed throughout history using scientific evidence. We went outside to see if we could observe any evidence.



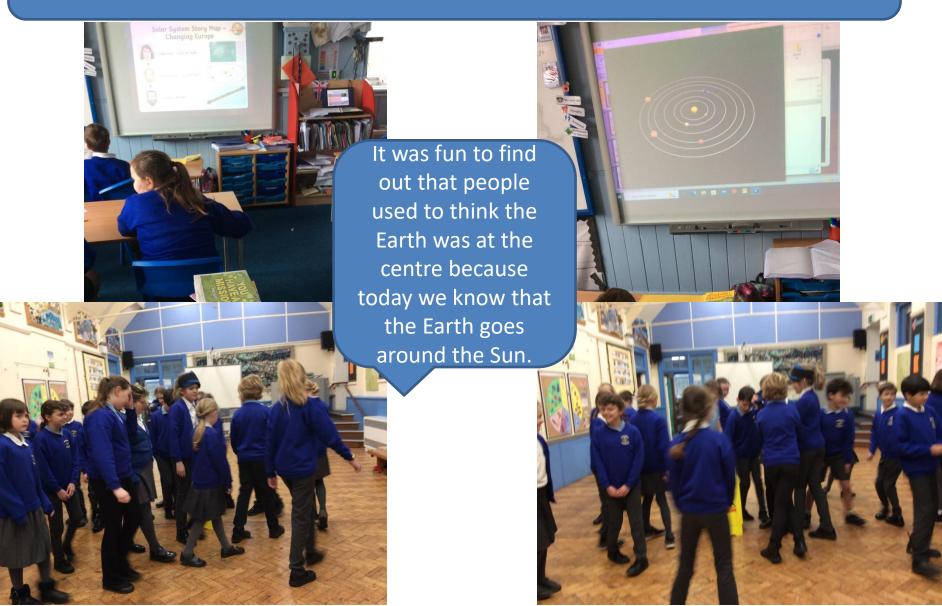
When we looked around outside we couldn't see any evidence that the Earth was spherical.



We then looked further out into our solar system and learnt the order of the planets and some features of them.



It was fascinating how different the planets are to ours. Most of the planets are named after gods. We looked at the history of science with regards to our understanding of the universe specifically geocentric and heliocentric ideas.



In this lesson we learnt about how day and night occur and how what we can see doesn't always help us with understanding the science behind the way things work.



I found it helpful that we stood up and matched the screen to help us understand how it worked.



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We also went to the Devonport Market Hall and watched a film that explored the ISS (International Space Station) with Tim Peake and an online workshop with Spaceport Newquay.



Science	FLE Y5/6	FLE Y5/6 Earth and Space		
Personal Development Moral – Children will know of moral dilemmas that c scientific developments Cultural – Pupils will become aware of how different have contributed to our scientific knowledge			What I have learnt before: Shadows Where I am in the world	
Forever Facts	Exciting Books	Subject Sp	ecific Vocabulary	
The Sun, Earth and Moon are approximately spherical I know that scientific evidence can		orbit	a regular, repeating path that one object in space takes around another one	
provide, or not provide, evidence for an idea		rotate	move in a circle round an axis or centre	
I know how the planets move in the solar system		heliocentric	having or representing the sun as the centre	
I know we get day and night because of the rotation of the Earth		geocentric	having or representing the earth as the centre	
I know that the moon orbits the Earth		axis	an imaginary line about which a body rotates	
Skills Use straightforward scientific evidence to		shadow	a dark area or shape produced by a body coming between rays of light and a surface	
answer questions or support findings I can present findings	Our Endpoint	face	be positioned with the face or front towards (someone or something)	
I can identify scientific evidence that has been used to support or refute ideas or arguments	what is Earth's place within the solar system?			