Mission Control – Pioneer Class Autumn 1.

Key Vocabulary

Astronomer: A scientist who studies the stars.
Axis: An imaginary line around which a body rotates.
Constellations: A group of stars that make an imaginary shape in the night sky.
Cycles: A complete round or series
Device: A piece of equipment or a mechanism designed to serve a special purpose.
Exploration: To travel for the purpose of discovery
Galaxy: A group of stars, clouds of gas, and dust particles that move together through the universe.
Orbit: The curved path in which a planet, satellite or spacecraft moves in a circle around another body.
Planet: A large object such as Jupiter or Earth that orbits a star.
Satellite: An artificial body placed in orbit round the earth, moon or another planet in order to collect information or for communication.
Solar System: The collection of planets and their moons in orbit round the Sun, together with smaller bodies in the form of asteroids, meteoroids, and comets.

Mission Control

"Mission Control" is a thematic unit based around the subjects of Earth and beyond, with a key focus on history. We will learn about the Earth, Sun and Moon and their relationship to each other, before finding out more about space exploration and communication.

What I Should Already Know.

About the natural world around them.
Be able to describe what they can see, hear and feel outside.
Observe seasonal change and how day turns to nigh.
That the sun is a star.
There are 8 planets.



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What I need to know – Key Learning

To understand and describe the first moon landing.

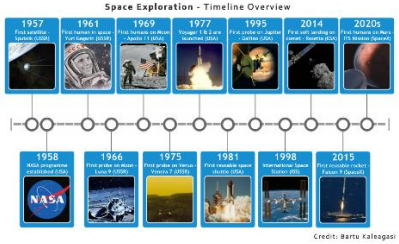


Space exploration and discovery.

To be able to justify your opinion on if the 1969 Moon Landing was fact or faked.



To put space events in chronological order.



To understand the key events in Galileo's life and explain why is work is so significant today.

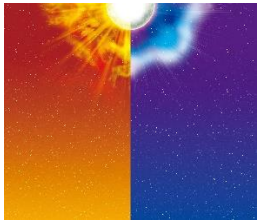


To explain the history and significance today of satellites.



Satellites are man-made objects put into space to provide a range of communication services such as television, navigation in cars and weather predictions. The first ever communications satellite was called Echo 1 and was launched in 1960. There are over 2000 satellites currently orbiting the Earth.

To create an accurate representation of the moon and sun from different medium's.



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