



To Infinity and Beyond Year 5

Learning outcomes with context

- To be able to describe the movement of the Moon relative to the Earth
- To understand why day and night occur
- To be able to explain why we have seasons
- To name the planets in the solar system
- To be able to name the first men to land and on the Moon
- To appraise the work of Holst and explain why they like/ dislike a composition

Learning outcomes without context

- To identify scientific evidence that has been used to support or refute ideas or arguments
- To explore and talk about their ideas; asking their own questions about scientific phenomena
- To recognise that scientific ideas change and develop over time
- To create imaginative work from a variety of sources e.g. observational drawing, music, poetry
- To shape, form, model and construct from observation and imagination
- To compose music which meets specific criteria
- To describe, compare and evaluate music using musical vocabulary
- To suggest improvements to their own or others' work
- To choose the most appropriate tempo for a piece of music
- To explain how tempo changes the character of music
- To identify where a gradual change in dynamics has helped to shape a phrase of music
- To know how to reinforce and strengthen a 3D framework

Key vocabulary children should know by the end of the topic

Orbit	The curved path of a planet or moon round a star or other planet.
Planet	A body that orbits the Sun.
Solar system	The collection of eight planets and their moons in orbit around the Sun.
Rotate	To move in a circle round an axis or centre.
Axis	An imaginary line about which a planet rotates.
Universe	All existing matter at least 10 billion light year wide, containing a vast number of galaxies.
Sphere	A round, solid figure.
Satellite	A celestial body orbiting the earth or another planet.
Seasons	The four divisions of the year marked by particular weather patterns and daylight resulting from earths changing position.
Moon phase	The shape of the directly sunlit portion of the Moon as viewed from Earth

