

Science Substantive Thread Progression

EARTH SCIENCE

Earth Science is the processes and systems that shape Earth, its place in space, and how it changes over time.

Earth Systems & Space

EYFS / KS1	Lower KS2	Upper KS2
• Observe changes in the natural world, including weather and the seasons. • Recognise patterns associated with seasonal change, including changes in daylight and the environment.	• Identify and compare different types of rocks and describe how fossils are formed. • Recognise that soils are made from rocks and organic matter.	• Describe the movement of the Earth and other planets relative to the Sun and the movement of the Moon relative to the Earth. • Explain day and night using the Earth's rotation and recognise the Sun, Earth and Moon as approximately spherical bodies.

End Point

Pupils understand that Earth is a changing planet within the Solar System and can explain key processes and patterns relating to Earth's materials, movement and place in space.

Earth Science Curriculum Journey

Across the primary curriculum, pupils move from observing seasonal changes and features of the natural world to explaining processes that shape the Earth and its place in space. By the end of Year 6, pupils understand key Earth and space systems, including rocks, the movement of the Earth and Moon, and the structure of the Solar System, providing a secure foundation for secondary Earth Science.