

OUR LEAD STATE OF BEING IS:
SCIENTIST



OUR SUPPORTING STATE OF BEING IS:
ARTIST AND GEOGRAPHER

*What does the Earth look
like from the Solar
System?*

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This Term's Enquiry Question is:
*What does the Earth look like from
the Solar System?*



OUR SUPPORTING STATE OF BEING ARE:
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Earth and Space - describe the movement of the Earth and other planets relative to the Sun in the solar system ; describe the movement of the moon relative to the Earth ; describe the Sun, Earth and moon as approximately spherical bodies ; use the idea of the Earth's rotation to explain day and night and the apparent movement of the Sun across the sky

Working scientifically

- use test results to make predictions to set up further comparative and fair tests
- reporting and presenting findings from enquiries including conclusions, causal relationships and explanations of results in oral and written forms such as displays and other presentations.

Artist's Skills - improve their mastery of art and design techniques, including drawing, painting and sculpture with a range of materials; learn about great artists, architects and designers in history.

Geographer's Skills - locate the World's countries using maps to focus on Europe including Russia and North and South America , concentrating on their environmental regions, key physical and human characteristics, countries and major cities ; identify the position and significance of latitude and longitude, equator, northern hemisphere and southern hemisphere, the tropics of capricorn and cancer, Artic and Antarctic circle, the prime meridian and time zones including day and night.



WE ARE MATHEMATICIANS

Core Subjects
Coverage:

WE ARE AUTHORS



Place value: Read and write numbers, ordering and comparing numbers.

Rounding numbers. (Y4-up to 10,000; Y5 and 6-up to 10 million.

Addition and Subtraction: Using informal and formal methods to add and subtract. Using a range of mental strategies. Column addition and subtraction using 4-digit numbers (Y4) more than 4 digits (Y5) and any integer (Y6). Multi-step problem solving and using inverse operations.

Focused Texts: *One small step (narrative adventure) and Cosmic (narrative sci-fi)*

Grammar and punctuation: Use of the comma, semi-colon, colon and dash to mark the boundary between independent clauses [for example, *It's raining; I'm fed up*] . Use hyphens. Use a range of sentence starts and structures. Develop the use of language for effect.

Spelling: Spell and use all statutory words for their year group. Exploring prefixes and suffixes. Contractions, exploring different phonemes and their pronunciations.

Reading: Develop a reading habit based on reading for pleasure. Take part in informal book talk. Read a range of texts with fluency, building stamina to increase their words read per minute. **Inference:** write detailed answers to questions using the text.



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KEY VOCABULARY

rotation
sunrise, sunset
sphere, celestial body, orbit
latitude
longitude
time zone: Prime Meridian,
Greenwich Meridian

Milestones in learning:

IKH Milestone

Learners can describe the movement of the Earth and other planets. They learn about great artists in history and how they have represented space. They improve their artist skills in drawing and painting.

IKO Milestone

Learners can locate the World's countries and identify and explain the significance of the Equator, longitude and latitude. Remember the order of the planets.

PKH Milestone

Improve their mastery of painting and exploring techniques to create different effects through paint as the medium.

PKO Milestone

Learners can make predictions and present causal relationships to explain the idea of the Earth's rotation to explain day, night and the apparent movement of the Sun across the sky as spherical bodies.