

OUR LEAD STATE OF BEING IS:
ENGINEER



OUR SUPPORTING STATES OF BEING ARE:
SCIENTIST AND GEOGRAPHER



How are you
helping to save
our planet?

A central illustration featuring a globe with several people engaged in environmental care. One person is on a ladder painting the globe, another is watering a plant, and others are tending to potted plants. The scene is set against a background of a sun, clouds, and large green leaves.

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This Term's Enquiry Question is: How are you helping to save our planet?

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Working as Engineers:

Humans impact on the environment we live in - putting animal and plant habitats at risk. The focus of this enquiry is how learners can affect and change in their local area (school grounds, local park or own garden). This includes looking as an engineer, at the products we use and how we can use them either more effectively, repurpose them or even get rid of them completely.



WE ARE MATHEMATICIANS

Y4 and 5-Position and direction: coordinates, reflections, symmetry and translation. Statistics

Y6 -Coordinates, translations and reflections in all four quadrants. Statistics.

Core Subjects
Coverage:

Working as Scientists

Living things and their habitats: life cycles in mammals (including humans), reptiles, birds and amphibians. Reproduction in plants and animals. Using scientific evidence.

Working as Geographers

Human Geography: energy, pollution, minerals and water. Use maps, atlases and globes.



WE ARE AUTHORS

Focused Texts: *Balanced Arguments, e.g. Was Goldilocks Wrong/Who was responsible for the death of King Duncan (Macbeth)*

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.



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Milestones in Learning:

KEY VOCABULARY

environment
reproduction
amphibian
deforestation
energy usage
pollution
evaluation
environmental engineer

IKH Milestone

Learners can use atlases, maps, globes and digital/computer mapping to locate countries and describe physical and human features.
Learners describe and understand key aspects of how humans can impact on the environment

IKO Milestone

Learners can describe the differences in life cycles of a mammal, amphibian, an insect and a bird.
Learners can describe the life process of reproduction in some plants and animals.

PKH Milestone

Learners can use their working scientifically skills in their local environment - big science - little science
Learners focus their engineering skills on evaluating designs for their local habitats and designing alternatives

PKO Milestone

Learners use scientific evidence & opinion to write a compelling explanation/persuasive text.