



Inspiring curiosity • Developing knowledge • Shaping the future

OUR GOLDEN THREADS



PHYSICS

Understanding how the universe works through energy, forces, motion, light and sound.



BIOLOGY

Exploring living things, their structure, processes, evolution and how they interact with their environment.



CHEMISTRY

Investigating the properties of materials, how they change and the reactions that shape our world.



EARTH SCIENCE

Understanding Earth and beyond, including the planet, atmosphere, space and the systems that sustain life.

SCIENCE NATIONAL CURRICULUM STATEMENTS

Pupils should be taught to...

YEAR 1

ANIMALS INCLUDING HUMANS



Amazing animals and me

SEASONAL CHANGES



A year of weather

EVERYDAY MATERIALS



Material detectives

PLANTS



Growing and growing

WORKING SCIENTIFICALLY (YEAR 1 & 2)

asking simple questions and recognising that they can be answered in different ways
observing closely, using simple equipment
performing simple tests
identifying and classifying
using their observations and ideas to suggest answers to questions
gathering and recording data to help in answering questions

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PLANTS

identify and name a variety of common wild and garden plants, including deciduous and evergreen trees
identify and describe the basic structure of a variety of common flowering plants, including trees

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ANIMALS, INCLUDING HUMANS

identify and name a variety of common animals including fish, amphibians, reptiles, birds and mammals
identify and name a variety of common animals that are carnivores, herbivores and omnivores
describe and compare the structure of a variety of common animals (fish, amphibians, reptiles, birds and mammals, including pets)
identify, name, draw and label the basic parts of the human body and say which part of the body is associated with each sense

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EVERYDAY MATERIALS

distinguish between an object and the material from which it is made
identify and name a variety of everyday materials, including wood, plastic, glass, metal, water, and rock
describe the simple physical properties of a variety of everyday materials
compare and group together a variety of everyday materials on the basis of their simple physical properties

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SEASONAL CHANGES

observe changes across the four seasons
observe and describe weather associated with the seasons and how day length varies

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Our Science curriculum ignites curiosity, builds knowledge and develops a deep understanding of our world. We explore the wonders of living things, materials, energy and the Earth to help every child make sense of the world and their place in it.

