SCIENCE

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BISHOP ROAD PRIMARY SCHOOL



CURRICULUM STATEMENT

Science at Bishop Road equips children with the knowledge, methods, processes and uses of science that will enable them to understand the physical and natural world around them.



WHAT DOES SCIENCE LOOK LIKE AT BISHOP ROAD?

- Scientific knowledge is embedded and truly grasped through systematic and open ended scientific enquiry that is creatively and rigorously planned, executed and recorded.
- Scientific literacy is paramount in understanding and embedding scientific concepts therefore scientific vocabulary is taught to and confidently used by all staff.
- When children's curiosity is ignited, scientific concepts can truly be understood. Creative, knowledgeable and hands on teaching provides children with the ability to rationally explain scientific concepts opens children's minds to the world around them.

ENRICHMENT OPPORTUNITIES

A range of trips and workshops take place across the year groups to help cement knowledge and put science into a real-world context.

CONTRIBUTING THROUGH SCIENCE

Pupils learn of the contribution scientists have made in helping us to understand and shape the world we live in, and inspire them to be the next generation of scientific thinkers through developing resilient and creative problem solvers.



ESSENTIAL CHARACTERISTICS OF SCIENCE

- To foster curiosity and enjoyment in learning about the physical and natural world around us.
- To provide children with the breadth of scientific vocabulary to adequately explain the core scientific concepts and principles that underpin our world.
- The ability to independently and creatively plan and execute scientific enquiry in order to explore scientific theory.
- Children have the confidence to analyse results using sound scientific knowledge and evidence to underpin a conclusion.
- The ability to select the appropriate tools to gather data when working scientifically and the most appropriate methods of recording findings.



CURRICULUM COVERAGE

YEAR	AUTUMN	SPRING	SUMMER
I	Seasonal changes	Plants Animals including humans	Everyday materials
2	Plants	Animals including humans Everyday materials	Living things and their habitats
3	Animals including humans	Light Forces and magnets	Plants and living things Rocks
4	States of matter	Living things and their habitats (including plants) Sound	Animals including humans Electricity
5	Properties and changes in materials	Living things and their habitats Earth and Space	Forces and magnets Animals including humans
6	Living things and their habitats	Electricity Light	Animals including humans Evolution and inheritance