



BISHOP ROAD
PRIMARY SCHOOL

SCIENCE



CURRICULUM INTENTION

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. The practical application of science in past, present and future technologies takes place through the undertaking

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.
- To develop children's ability to independently and creatively plan and execute scientific enquiry in order to explore scientific theory.
- To provide children with the confidence to analyse results using sound scientific knowledge and evidence to underpin a conclusion.
- To develop children's ability to select the appropriate tools to gather data when working scientifically and the most appropriate methods of recording findings.



CURRICULUM COVERAGE