

## St Joseph's Science Curriculum 2022-24

### Intent:

At St Joseph's Catholic Primary School we see Science as an interconnected subject which should encourage discussion, exploration and ambition. We want the children to see the wonder in science all around them, viewing it as being relevant and purposeful to their lives. Their science experiences should be ones which develop the children's curiosity, knowledge and understanding, always encouraging them to think scientifically. We encourage the use of practical investigations as much as possible to allow children to see, hands on, how science can be used to explain the world around us.

### Implementation:

In the Foundation Stage, children are taught Science through the key area of learning set out within the EYFS Statutory Framework. Through a broad range of teacher-led, child-initiated and continuous learning opportunities, children will be taught to:

- Use their senses to investigate a range of objects and materials
- Find out about, identify and observe the different features of living things, objects and worldly events
- Look closely at similarities, differences, patterns and change
- Ask questions about why things happen and why things work
- Develop their communication and co-operation skills
- Talk about their findings, sometimes recording them
- Identify and find out about features of the place they live and in the natural world around them.

In Key Stage 1 and Lower Key Stage 2 Science is taught by the Class Teachers. This ensures that the quality of Science teaching throughout these Key Stages remains consistent. Science is taught every week with additional sessions being taught where and when possible.

Science is taught in planned and arranged blocks. This helps the children to gain knowledge and skills progressively. Through our planning, we involve problem solving opportunities that allow children to find out for themselves. Children are encouraged to ask their own questions and be given opportunities to use their scientific skills and research to discover the answers.

Our teaching and learning supports our curriculum by ensuring that lessons build on prior learning and provide opportunities for guided and independent practice. We use the Teacher Assessment in Primary Science (TAPS) from Bath University.

Events, such as Science Week, Science workshops or visits allow all pupils to come off timetable, to provide broader provision and the acquisition and application of knowledge and skills.

### Impact:

- Consistency across teaching and assessment
- Clear progression of skills and knowledge evident across the school.
- Good level of engagement and attainment across the school.