



## Science Policy

Miss H Austin

2023-2024

*St. Francis of Assisi Catholic Primary School  
Science Policy*

*At St. Francis of Assisi School:*

*We love and grow in Christ*

*We live and learn in partnership*

*We build and share together*

## **1. Rationale for Teaching Science**

Science at St. Francis of Assisi Catholic Primary School is very much a practical part of the curriculum that enables our children to make sense of the world around them through exploration, investigation and discovery. Through hands-on and meaningful experiences we seek to develop the key scientific skills of observation, questioning, exploration and investigation whilst preparing our children for life in an increasingly scientific and technological world.

We believe that a broad and balanced Science education is the entitlement of all children, regardless of ethnic origin, gender, class, aptitude or disability.

## **2. Teaching Aims**

The main aims of Science are to:

- Equip children to use themselves as starting points for learning about Science, and to build on their natural sense of awe and wonder about the world
- Encourage and enable children to offer their own suggestions, to be creative in their approach to Science, and to gain enjoyment from their scientific work
- Enable children to plan and carry out scientific investigations using equipment correctly
- Encourage children to treat the living and non-living environment with respect and sensitivity
- Enable children to develop their skills of co-operation through working with others

Lessons are delivered in line with the National Curriculum guidelines. A long term plan has been created for Key Stage One and Key Stage Two, detailing the topics that are covered in each year group. The Early Years Foundation Stage children are taught the Science elements of the Foundation Stage document: Understanding of the World.

### **3. Teaching and Learning Style**

A variety of teaching and learning styles are used across the school. Our principal aim is to develop children's knowledge, skills and understanding of Science in a way that is relevant and engaging. Wherever possible, Science is taught through investigations that enable children to excel and achieve their full potential. Work is recorded through pictures or writing in individual Science books and in a class floor book. Children have the opportunity to record findings from their investigations; the aim is to make this an enjoyable and purposeful task.

### **4. Assessment and Record Keeping**

Assessment for learning is continuous throughout the planning, teaching and learning cycle. Children are more formally assessed at the end of Key Stage One and Key Stage Two. Reports to parents are written once a year, describing each child's attitude to Science and their progress within the subject. All assessments are completed in line with the Lancashire assessment guidelines and shared with the subject leader at the end of each term.

### **5. Equal Opportunities in Science**

All children at St. Francis of Assisi Primary School have the opportunity to gain scientific knowledge and understanding, regardless of gender, race, class, physical or intellectual ability. Teaching expectations do not limit pupil achievement and assessment does not involve cultural, social, linguistic or gender bias. We recognise that Science may strongly engage our gifted and talented children; our policy is to challenge and extend learning for children of all abilities.

### **6. Health and Safety**

It is the responsibility of the teacher delivering the Science session to ensure that health and safety procedures are followed. All staff will ensure they have a secure understanding of how to work safely in Science. Children are also reminded of potential dangers within Science and are encouraged to identify these themselves.

### **Review**

This Science policy will be reviewed by the Science Curriculum Leader and the Senior Management Team.

Date for next review of this document: July 2024