

## Science at Westmoor

### Introduction

This was written for teachers, parents, governors and those involved in and interested in the delivery of science at Westmoor Primary School. The purpose of this document is to outline how science is planned, delivered and assessed.

### Intent

Children will :

- Develop scientific knowledge and conceptual understanding through the specific disciplines of biology, chemistry and physics
- Develop understanding of the nature, processes and methods of science through different types of science enquiries that help them to answer scientific questions about the world around them
- Become equipped with the scientific knowledge required to understand the uses and implications of science, today and for the future.

### Implementation

Staff will :

- Plan directly from the National Curriculum (Y1-6) or Development Matters (Nursery / Reception), meeting the needs of all pupils , including those with SEND
- Deliver well-paced , engaging lessons through Quality First Teaching
- Provide opportunities for children to develop scientific skills by working scientifically, through a range of activities/ contexts and for a variety of purposes
- Prompt children to think about the world around them , make connections between pieces of information and think critically, by use of carefully designed questions
- Use a selection of assessment methods to ensure children are making at least expected progress.

### Impact

The impact of a consistent and well-structured approach to science teaching is :

- All lessons are well-planned, delivered and resourced
- Staff have strong subject knowledge and a good understanding of the National Curriculum
- Pupils make at least expected progress from their starting point
- Pupils are well-equipped for each stage of their education