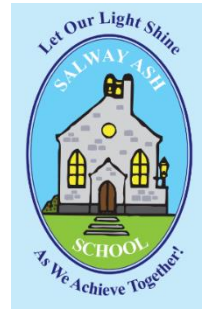


## Salway Ash CE VA Primary School

### Science Curriculum Statement



#### Introduction

At Salway Ash Primary school we believe that Science is an integral part of a broad and balanced curriculum.

#### Intent

Science teaching at Salway Ash Primary School aims to give all children an understanding of the world around them whilst acquiring specific skills and knowledge to help them think scientifically, to gain an understanding of scientific processes and also an understanding of the uses and implications of Science, today and for the future. We follow the *Plymouth Science* scheme of work which ensures clear progression and coverage of The National Curriculum. Working scientifically skills are embedded in each topic the children study and these topics are revisited and developed throughout their time at school. All children are encouraged to develop and use a range of skills including observations, planning and investigations, as well as being encouraged to question the world around them and become independent learners in exploring possible answers for their scientific based questions. Specialist vocabulary is taught and built up, and effective questioning to communicate ideas is encouraged. Our staff ensure that all children are exposed to high quality teaching and learning experiences, which allow children to explore their outdoor environment and locality, thus developing their scientific enquiry and investigative skills.

#### Implementation

Teachers create a positive attitude to science learning within their classrooms and reinforce an expectation that all children are capable of achieving high standards in science.

The Plymouth Science Scheme of Work is followed in both key stage 1 and 2 which ensures lessons are engaging and involve high quality resources to aid understanding of conceptual knowledge. Working scientifically skills are woven into lessons alongside conceptual knowledge.

Teachers use questioning in order to test knowledge and skills and to assess children regularly to identify progress and the gaps in learning.

Children are exposed to a wide range of vocabulary which gets progressively more challenging and children move up the school.

## **Impact**

When pupils leave Salway Ash Primary School, they will have engaged in practical and theoretical based scientific enquiry because of the rich, broad and balanced Science curriculum that is progressive across the school. Their learning in Science will have provided them with a wider knowledge and understanding of the world around us. The children have an increased awareness of how Science has and continues to change the world we live in. Children will have a love for Science through knowledge and investigation that will develop a sense of excitement and curiosity about natural phenomena and the wider world!