

### **Pupils' Level of Engagement**

All children are engaged and taking part with enthusiasm.

Children take part in retrieval and generative learning activities.

### **Assessment during Lessons**

Lessons are adapted in response to misconceptions brought to light through questioning, Big Questions and Odd One Out activities used at the beginning and end of each unit.

TAPS units are used to assess Working Scientifically.

### **Enquiry Types**

The five types of enquiry are used throughout the units and are known by the children.

### **Prior Learning**

Prior knowledge is assessed and built upon.

### **Investigations**

Opportunities for children to take part in investigations are maximised. Post-it planning is used.

### **Use of Questioning**

Children are allowed to think of their own questions that they would like to answer.

## **Science Learning and Teaching Principles**

### **Use of Resources**

Equipment is sourced in advance of lessons to ensure that it is available and ready for use.

### **Marking and feedback**

Marking is frequent and regular, providing pupils with guidance on how work can be improved.

### **Level of Challenge**

High expectations, differentiation, challenge and vocabulary support for all learners.

### **Vocabulary**

New vocabulary builds from prior learning and is discussed. This is then displayed for the children to use throughout the unit.