



## Why, How and What Oak Hill's Science Curriculum

### **Why**

- So our pupils learn to ask good questions about their world and develop methods to find their own answers to them.
- Pupils' scientific knowledge and understanding allow them a greater insight into the mysteries of our world.
- Skills from carrying out scientific enquiries support learning across other areas of our curriculum.
- Scientific knowledge helps all of us to understand the uses and implications of science, today and in the future.

### **How**

- Present children with a range of opportunities to develop both their practical skills and their scientific knowledge.
- Allow children to take ownership of their investigations, encouraging them to find their own answers to their scientific questions.
- Through high-quality teaching and good subject knowledge teachers explain new and challenging scientific concepts.
- Support teachers with the subject knowledge and ensure equipment is made available as required for experiments, investigations and inquiries.

### **What**

- Science lessons are hands-on whenever possible.
- Children are encouraged to ask high-quality scientific questions and supported and challenged to find answers to them.
- Teachers have good subject knowledge.
- Science equipment and resources are to be kept up to date.
- Pupils make good progress in science by building on their previous scientific knowledge and understanding.
- Through enthusiastic delivery, children develop an interest to asking and trying to answer scientific questions through experiments and investigations.

