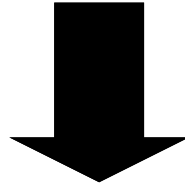


SCIENCE AT LANGFORD AND WILBERFORCE



Langford Primary
The best in everyone™
Part of United Learning



Wilberforce Primary
The best in everyone™
Part of United Learning

Our philosophy for effective teaching and learning in Science is firmly based on research evidence and follows a mastery approach, where pupils acquire a deep, long-term, secure and adaptable understanding of the subject.

*Tasks are carefully set so that children are always **thinking** about the **scientific learning**.*

***Strong subject knowledge** is supported through excellent subject knowledge resources for teachers.*

***Trips** are used to develop scientific understanding beyond the curriculum.*

*PLAN documents are used to identify and address and potential scientific **misconceptions**.*

**EFFECTIVE
LEARNING IN
SCIENCE**

***Learning Walls** display the current learning and promote key **scientific language**.*

***Scientific vocabulary** is developed as children work through the curriculum.*

***Early Morning Learning** gives learners and opportunity to revisit knowledge taught in previous year groups.*

*Physics, biology and chemistry strands are built **sequentially**.*

*Learners complete **Thinking Squares** regularly to ensure their key **knowledge** is **recalled** and embedded in the long term memory.*

*Pupils work scientifically, using a range of **experiments**, from Nursery to Year 6.*