

### What lessons look like

Weekly lessons are taught in each year group across school. The national curriculum along with suggested experiments and investigations and the long-term plan sets out the units each year group learns about. Work is recorded through a mixture of subject specific books and floor books.

### Vocabulary

Specific vocabulary and language are taught within each unit of work so that the children know the correct words and terms associated with the topic they are learning about.

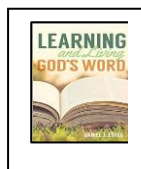
### Application across the curriculum

The skills that the children learn and use during these lessons can be applied to every lesson and daily school life as well as some of the British Values.



## Langley Mill Church of England Infant School and Nursery

"To raise new questions, new possibilities, to regard old problems from a new angle, require creative imagination and marks a real advance in science."  
~Albert Einstein



## Science

### Assessment

Assessment is used as tool by teachers to ensure teaching matches children's needs whilst following the requirements of the National Curriculum.

### Engagement and participation

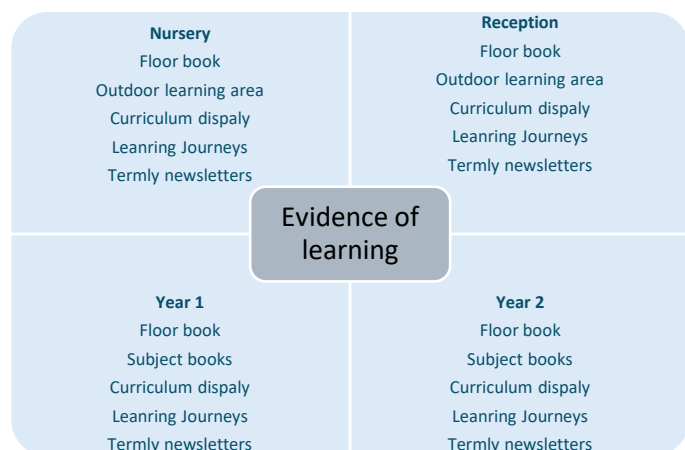
Teachers are continually assessing children's participation and addressing misconceptions. This is included in plenaries, mini-plenaries and next steps.

### Formative Assessment

Formative assessments are used to continually inform next steps and what adaptations and challenges are needed.

### Summative Assessment

Assessment data at the end of each unit is used by the teachers to update iTrack on a termly basis, this shows the percentage of children meeting ARE.



### Big Ideas

1 Increasing scientific enquiry

2 Science floor books

3 Links with local businesses

### Strengths:

High levels of engagements

Floor books showing learning in each class

High levels of pupil and staff engagement

### Areas for development:

Greater use of outdoor space

Wider range of scientific equipment

Using enquiry skills in other areas of the curriculum.

Website link: <https://www.langleymillinfantschool.co.uk/curriculum/subject-information/science/>

### SEND (Special Educational Needs and / or Disabilities)

Children who need additional support have adaptations made to their learning materials and resources where necessary and have adult support to take a full role in lessons and complete the tasks they are set.

### EYFS (Early Years Foundation Stage)

In EYFS science is taught through the Understanding the World strand of the Early Years Curriculum for both nursery and reception. This involves a lot of exploring the natural environment through play. Specific topic lessons are planned to meet some objectives during appropriate times of year. e.g. seasons and science week etc.