



# Moss Valley

# SEND Intent

# Science



# Science SEND intent

The Moss Valley curriculum for science acknowledges that learners are likely to have difficulties making generalisations, which they can apply and link appropriately to future learning. These difficulties may act as barriers in applying what they have learned when studying science. The intent of our curriculum is to build on what the learners have experienced in the past and use this to support them in making connections and linking future learning to their experiences.

When teaching Science, planning is adapted to suit the needs of all children no matter what their needs with a focus on Quality First Teaching. Teaching will include tasks, questioning and intervention in the lesson where needed. We have a focus on vocabulary to help the children know and remember more, and provide guided scaffolds to ensure all children are accessing the curriculum knowledge needed for their year group. Children are supported with access to pre-drawn and partly filled in tables and graphs where appropriate to reduce the amount that some children need to record. The use of images to record where possible is used to reduce cognitive load and allows those with barriers to writing to still access the learning for their appropriate year group.

## **We aim to ensure a Moss Valley curriculum that;**

- Supports learners to develop an awareness of themselves and their immediate surroundings and environment.
- Enables learners to join in practical activities that link to ideas and concepts taught.
- Encourages learners to use their senses to explore and investigate.
- Develop learners' understanding of cause and effect in a range of contexts.
- Supports them to link and apply scientific knowledge and understanding to everyday life.