

## The Intent of the Science Curriculum

### **Pre-formal**

To implement a personalised learning approach to ensure learners have a stimulating and engaging environment.

To ensure that relationships are at the heart of all learning.

To develop the confidence, knowledge and skills to intentionally explore a range of stimuli and show an interest in their immediate environment .

### **Semi-Formal**

To show an interest in the things that happen in their environment and engage with a range of scientific concepts by actively joining in with investigations and answer scientific questions.

To observe changes within an activity and record the findings in an appropriate manner using scientific language where appropriate.

To show an interest in the world around them and ask the questions “why?” and “how?”.

### **Formal**

To use their skills and knowledge to be able to work scientifically by observing, grouping, classifying, seeking patterns, researching and carrying out a fair test as independently as possible.

To use their skills and knowledge to inform and reinforce functional skills such as measuring, planning and observing.

To show an interest in how the wider world works, ask the questions “why?” and “how?” and attempt to give an answer to their questions using scientific language.