

Science

Our intent:

- We want our children to be excited by science and to develop their self-confidence, inquisitiveness and curiosity.
- We want our children to be inspired by giving them the opportunities to pursue their natural curiosity; promoting the experience of exploring and investigating scientific phenomena, in a range of contexts, to ensure a continually evolving knowledge and understanding of the world around them.
- We want our children to learn through hands-on practical activities which enable them to discover for themselves.
- We want our children to acquire the necessary vocabulary to enable them to interpret, describe and explain their reasoning.
- We want our children to ask questions, investigate, reflect, make and learn from mistakes, in a safe environment.
- We want our children to develop scientific knowledge, skills and conceptual understanding through the specific disciplines of biology, chemistry and physics.
- We want our children to gain a secure understanding of the scientific method through different types of enquiries.
- We want our children to be equipped with the knowledge required to understand the uses and implications of science, both today and for the future.
- We want our children to be able to observe and then make further inference during experiences by building upon prior knowledge.
- We want our children to have the opportunity to experience scientific processes which are linked to technology, engineering and mathematics (STEM).