

Design and Technology

Curriculum Intent for Design and Technology

All believe that children deserve the opportunity to learn the skills and techniques to engage with practical and logical issues. To feel inspired through exploration of purposeful, relevant, project based learning.

All achieve a range of outcomes that have a purpose. Learning how to plan, review and develop designs and ways to use materials to produce a product they are passionate about.

All create designs, structures, mechanisms and food products that are made with creativity; working through the processes behind building on new and existing products and learning resilience when modifying and improving.

All a family, encouraging creativity, collaboration and intrigue. Preparing for the wider world and ways to apply technology and creativity to important and practical issues in the world.

Implementation of Design and Technology Curriculum:

- A broad range of opportunities are provided to engage children in practical and relevant world issues.
- The children are guided through all aspects of designing a purposeful product; designing, making, evaluating and learning technical language.
- Products and outcomes are linked (where possible) to the projects, helping to make them relevant and current.
- Lessons are exciting and intriguing, allowing children to be curious, ask questions and explore their own creativity.
- Products have a clear and real life purpose to ensure children are motivated by their learning and the process that it involves.
- Children learn the importance of being healthy. Learning cooking skills to build on as they grow into adults and allowing them the opportunity to share potential passions and skills for cookery.
- Through the consistent cyclical approach of evaluating products, designing mock ups, creating and improving products, children learn resilience and the understanding the time and process that goes into making products.
- By exploring lots of ways to be creative, we are enabling children's intrigue and passions to grow; opening up an awareness of job opportunities and real life.