

Intent

At The Limes Primary Academy our Design and Technology curriculum aims to inspire and nurture a curiosity about how things work, how they are made and how they fulfil a purpose.

Our children become designers and makers in their own right, through learning about the design process, developing their skills and experience with a range of tools, materials and processes, including food and through evaluating products for a specific purpose or audience.

By taking part in design technology our children grow in confidence, independence and resilience, through challenging units focused on developing skills, technical knowledge and know-how, to be successful in producing a functional purposeful product they can explain and be proud of.

Our children will be empowered to make independent decisions based on thoughtful ideas and the application of their knowledge base, which is developed throughout their primary years.

They will be able to explain and articulate the process from concept to product, exploring their decisions and choices around tools, materials and processes through implementing their subject specific vocabulary. As well as being able to identify possible alterations, or modifications to improve their product for a given purpose.

Implementation

- Design Technology is taught through six focus areas of designing, making, evaluating, technical knowledge, cooking and nutrition.
- The skills to be successful in these areas are scaffolded and revisited, throughout every academic year, to ensure progression and depth to the children's development as designers.
- The teaching of each technique or skill is linked to the relevant topic, taught as part of the creative curriculum.
- All projects have cross curricular links, providing context and enabling the development of skills in analysis, evaluation and modification, to take on the focus of real life problems.
- Children are provided with a variety of opportunities for learning and practising their skills as designers, both inside and outside the classroom, with a wide range of resources, tools and materials to support them.
- A focus on the sharing and valuing of the skills involved in design technology practices in real life situations, within our school community, between peers and trusted adults, is encouraged as a way of helping to inspire our children to grow as designers.
- Challenge questions posed to children enact deep and critical thinking.
- Appropriate curriculum themed home learning tasks are shared, which children can complete with an adult at home.



THE LIMES
PRIMARY ACADEMY

Design
Technology



Impact

Our Design Technology curriculum is planned to ensure that through their time at The Limes, our children develop and refine their knowledge, skills and understanding to enable them to confidently make choices and decisions about the processes, materials and tools required to achieve the outcome of a purposeful product.

They are able to evaluate products against criteria and articulate their ideas and opinions about their own and other's work, including identifying materials and techniques, making comparisons, suggesting improvements and using subject specific vocabulary.

The children's knowledge, skills and understanding are assessed at the end of each unit against National Curriculum objectives.