



Newstead Primary
School

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Rationale for the teaching of Design and Technology.

Design and Technology is an ever-growing part of our modern world and children need to develop an understanding of its impact on the wider world. Pupils at Newstead Primary are given opportunities to research, design and make products using their creativity and imagination.

Design and Technology is an inspiring and practical subject where children can be innovative problem-solvers and are able to apply their subject knowledge and skills. Pupils are able to draw on disciplines such as mathematics, science, engineering, computing and art.

Aims for the teaching of Design and Technology.

Our aims in design and technology are that all children can:

- Think creatively and show innovation.
- Use subject knowledge and skills and apply them to designing and making products against a set of key criteria
- Clearly communicate intentions
- To be able to work independently and with others
- Learn and develop the practical skills necessary, including using tools safely and effectively.
- Critique, evaluate, improve and test their ideas and products, including that of others
- Understand how key events and individuals in design and technology have helped shape the world.