

Benefits of Design and Technology for children with SEND

Design and Technology is a popular and valuable subject for pupils with special educational needs.

Knowledge and understanding is drawn from across the curriculum and helps to develop and enable numeracy, literacy and communication skills that can be applied in practical ways. This consolidates skills from other lessons and reinforces learning with positive outcomes. It supports:

- Communication
- Starting conversations
- Fine motor skills
- Problem solving
- Imagination
- Promoting self esteem

Teaching and Learning in Design and Technology

Rooted in Faith, Growing in Community, Thriving in Learning

Love, Hope, Trust, Forgiveness



"Love one another
as I have loved you"
John 13:34

At John Keble Church of England Primary School, we are committed to providing the best possible educational outcomes for all children. We aim to ensure that children leave us with the Art and Design knowledge and skills specified within the National Curriculum: [National curriculum in England: design and technology programmes of study - GOV.UK](#)

The Design and Technology learning journey at our school.

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| <p>1. Evaluate and Review: Explore existing products and evaluate their effectiveness and suitability for purpose. Establish the techniques needed for children to design and make their own product.</p> |
| <p>2. Revision of previous skills and knowledge: What do the children already know? What skills will they have previously encountered? What is the new learning? Direct instruction of new knowledge and skills.</p> |
| <p>3. Active Practice: The children are given structured opportunities to apply and practise previous and newly taught skills. Children are encouraged to bring their own ideas, thoughts and feelings into their designs.</p> |
| <p>4. Plan and Do: Children are then encouraged to use all that they have learned to plan and carry out a finished piece. Whilst this may be based on the style of the artist studied, it will be an individual piece of work.</p> |
| <p>5. Review: Children review their independent practice. How effective do the children feel they have been at applying new knowledge and skills and building upon previous</p> |

Links with other subject areas

Wherever possible we aim to link the current area of study in Design and Technology with other areas of the curriculum being studied. This could be as part of the current learning, or as an opportunity to revise and link back to previous learning. If the study includes a focus artist there will always be a chronological element that will aim to set the study within a historical context.

Each Design and Technology unit will focus on one or more **specific skills**. These skills are:

- **Think critically** when making choices during the design process, referring to purpose and suitability of materials and methods.
- **Be proficient** in technical and practical skills needed to design and make a product. (This is separated into the domains: Construction and Materials; Cooking and Nutrition; and other techniques.)
- **Use appropriate vocabulary** when testing, analysing and evaluating own work and that of others.
- **Make connections** to knowledge and skills drawn from other disciplines, solving real and relevant problems and drawing on work of key events and individuals.