



**St John
and St Nicolas
Schools Federation**

**For the good of all
through curiosity,
creativity and love**

Policy Title:	Design and Technology
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1.2				

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St John and St Nicolas Schools Federation

Design and Technology Policy

Federation Vision

At St John and St Nicolas Schools Federation, our vision is 'For the good of all – through curiosity, creativity and love.' This vision inspires everything that the federation does. It applies equally to all the federation's policies with the intention that our policies impact as fairly and positively as possible to meet the needs of all members of our schools' community.

Curriculum Statement

Our federation is a journey for all of our children from the Early Years Foundation Stage to Year 6 and beyond. Our curriculum aim is for children's time with us to prepare them for life after our schools. Each child in our schools is recognised as an individual with their own ambitions, needs, skills and aspirations and it will be our schools' role to support and challenge each individual to achieve these.

Our curriculum will allow all children to develop the key skills of reading, writing and maths through a broad and balanced curriculum providing a wide range of experiences. Throughout our schools, we will promote equality and diversity and will provide every opportunity for children to develop resilience, confidence and enthusiasm, so becoming imaginative, creative and independent learners able to make informed decisions. Our rich curriculum, complemented by our nurturing approach will allow all our children to develop emotionally and spiritually.

We value all aspects of the school curriculum and will ensure our curriculum encompasses spiritual, moral, social, cultural, emotional and physical education.

How Design and Technology fits into our Federation Curriculum

We teach DT as part of a well-balanced curriculum which encourages imaginative and creative exploration. We believe it is important because it allows our children the opportunity to:

- Develop creativity and imagination
- Explore and develop their own talents
- Learn about practical problem solving and apply this to other subjects
- Develop metacognition skills by promoting teamwork
- Build positive self esteem

Aims

Our overall aim is to stimulate, encourage and develop the child's special aptitudes and interests. We try to foster and promote confidence, enthusiasm, enjoyment and a sense of achievement. To achieve our aims, we will:

- Develop the knowledge, skills and understanding necessary to design, make, evaluate and test products to ensure they are fit for a purpose for a wide range of users
- Develop the creative, technical and practical skills to perform everyday tasks confidently with a wide range of materials and components
- Understand and apply the principles of nutrition and learn how to cook
- Become aware of the impact of technology and its contribution to the quality of life
- Develop the children's ability to identify safety hazards and risks and take appropriate action

Curriculum Organisation and Content for Design and Technology

- Design and technology is linked, where possible, to work in other subjects - this allows teachers to plan activities with meaningful cross-curricular links
- A progression of skills document for Design and Technology has been developed by the coordinators in collaboration with teaching staff
- Activities are planned to build upon prior learning, so that children are increasingly challenged as they move through the school
- In years 1 - 6, we teach three 6-week DT units per year for one hour per week

Spirituality in Design and Technology

Spirituality can be explored in every subject. In Design and Technology, this comes through the curiosity and creativity about the world around us and the fascination of working with and learning from others.

Inclusion, Support and Challenge

Equal Opportunities

It is our policy that all pupils will be given equal regard and opportunity in all areas of school life. When planning and teaching DT, teachers will give full regard to different needs, as set out in the school's policy for Equal Opportunities.

Additional Support

DT is a wonderfully liberating lesson for children with Additional Needs where academic learning difficulties will not necessarily hamper their progress. The practical "hands on" nature of the subject makes it very accessible for these children. Teachers plan to include all children by adapting activities to suit the children's needs.

Able Pupils

Some children have specific DT abilities and talents. Teachers cater for all children by providing extension activities and demanding a higher standard of performance. Giving opportunities to excel and further their talents through groups and clubs.

Assessment

Assessment in Design and Technology is a useful tool to enable creativity. At St John and St Nicolas Schools, we aim to ensure that all children work towards their creative potential. When assessing children's growth in Design and Technology, we look at their progression in skills, their confidence to experiment and develop their own ideas and their sense of their own identity and capability.

Monitoring

Monitoring is done annually by the subject leader through lesson observations, book monitoring and pupil conferences.