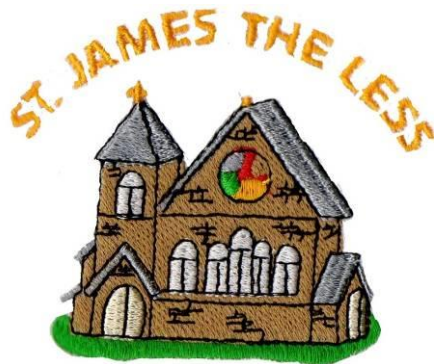


St James the Less RC Primary School



D & T Policy

Updated Summer 2019

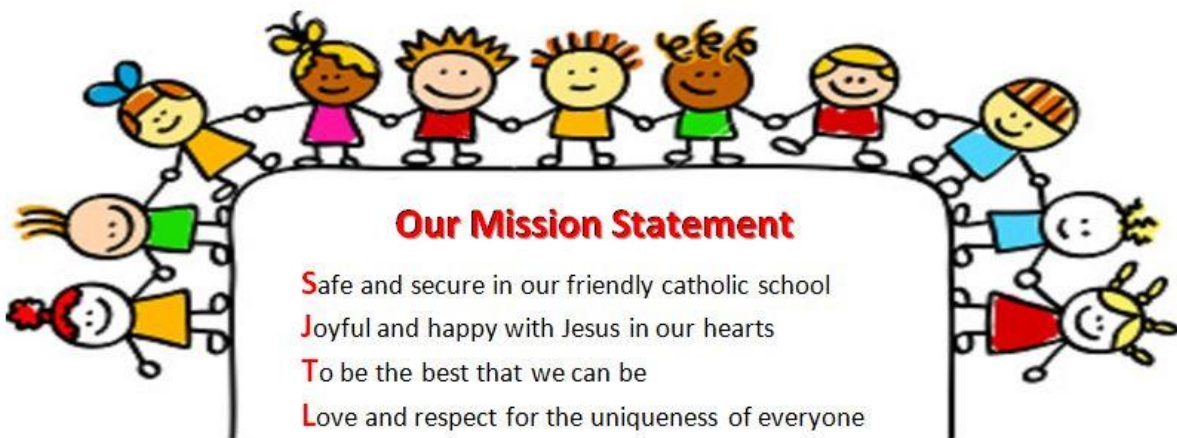
Introduction

At St. James the Less RC Primary School we are committed to providing all children with learning opportunities to engage in design and technology.

This policy outlines the purpose, nature and management of the design and technology taught in St. James the Less School. The policy reflects the work of the teaching staff and has been compiled by the Design and Technology Co-ordinator.

The implementation of this policy is the responsibility of the Design and Technology Co-ordinator and all class teachers.

Mission Statement



Value of Design Technology

Design and technology is about designing and making products for a specific need or purpose. It involves children learning about the world we live in and developing a wide range of skills through designing and making. It helps children learn vital skills such as how to think through problems creatively, how to organise themselves and how to work with knowledge and practical skills to bring about change and to shape the environment. Through design and technology children become discriminating, informed users of products and become innovators.

Aims of Design Technology

Design and Technology offers opportunities for children to:

- Develop their capability to create high quality products through combining their designing and making skills with knowledge and understanding;
- Develop a sense of enjoyment and pride in their ability to make;
- Nurture creativity and innovation through designing and making;
- Develop an interest and understanding of the ways in which people from the past and present have used design to meet their needs.

In the Foundation Stage we provide opportunities for children to:

- Develop a curiosity and interest in the made world though investigating, talking and asking questions about familiar products;

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- Develop confidence and enthusiasm through frequent exploration of construction kits to build and construct objects and activities for joining, assembling and shaping materials and products;
- Extend their vocabulary through talking and explaining their designing and making activities.

Implementing design and technology

Planning

- A cross curricular scheme of work for Key stages 1 and 2 provides the basic framework for learning and teaching in design technology.
- The scheme of work is matched to the National Curriculum 2014.
- Children in their designing and making will apply knowledge and skills of: textiles, food, mechanisms and structures.
- All staff will promote diversity where appropriate, ensuring our diverse communities are accurately reflected and represented.
- In the foundation stage weekly designing and making activities are made available for child initiated development and learning and there will be some teacher led activities throughout the term.

Links with other subjects and key skills

- Design and technology provides a natural opportunity for children to practice and improve basic skills such as speaking and listening, literacy and numeracy.
- Assignments aim to develop key skills such as creative problem solving, working with others and communication skills.
- Through evaluating the process and their final products children will be encouraged to improve their own learning and performance.
- Children will apply knowledge and skills from art and design, science, ICT, English and mathematics in design and technology.

Extending the curriculum

- Children should develop an understanding of the world through first hand experience;
- Wherever possible children will be given opportunities to visit the local area, museums, shops/restaurants and meet with real people to develop their learning and experiences.

Assessment, recording and reporting

- Teachers assess children's work on a continual basis through discussion and questioning, work completed and products made.
- Children are encouraged to self evaluate as a form of assessment.
- Progress will be reported annually to parents.

Management and organisation of resources

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A wide range of resources are available to support the teaching and learning of design and technology and available across the school.

Health and safety

- Teachers will always teach the safe use of tools and equipment and insist upon good practice.
- Children will be taught to take steps to control risks.
- Glue guns will be used by Key stage 2 children under direct supervision, but only when there is no other appropriate joining technique.
- Children are taught to follow proper food safety and hygiene rules.

Review

This policy will be reviewed on an annual basis.