

Baines' Endowed Church of England Primary Academy

DT Policy

At Baines' Endowed Church of England Primary Academy, we aim to develop self-belief and self-confidence in all our pupils and staff, through our mission that:

"With God, nothing is impossible" Luke 1:37

To support our pupils, staff, parents and governors in their quest to achieve the 'impossible', we will teach, guide and nurture our community in the following twelve values:

generosity	compassion	courage	forgiveness
friendship	respect	thankfulness	trust
perseverance	justice	service	truthfulness

At Baines' Endowed, we believe that by valuing all God's children and teaching them to learn, develop and grow in the Gospel values, we will allow them the opportunity to believe that, with the help and love of God the Father, God the Son and God the Holy Spirit, they can achieve what they aim to achieve.

Intent

Design and Technology is an inspiring subject that allows children to use creative thinking to problem solve. At Baines' Endowed, we want children to use their creativity and imagination to solve real and relevant problems while acquiring a range of skills to do so. Design and Technology is an effective vehicle for incorporating a range of other cross-curricular skills used in maths, science and art while offering regular opportunities to evaluate and self-reflect on their own work.

We envisage the development of Design and Technology as an opportunity for creativity and individual expression. It is an important part of cultural expression and therefore has significance and meaning for all our children. It is our intent to provide quality experiences and opportunities for children to explore their own creativity and expressionism within a safe, non-judgemental environment that encourages their personal growth and reflective capabilities.

Within the Early Years Foundation Stage, Design and Technology is woven into the curriculum in the form of building and creating with a variety of construction materials while being encouraged by teaching staff to consider their process. The power of 'why' over 'what' helps the children develop a deeper understanding of their own process while opening the door on self-reflection.

The national curriculum for design and technology aims to ensure that all pupils:

- develop the creative, technical and practical expertise needed to perform everyday tasks confidently and to participate successfully in an increasingly technological world
- build and apply a repertoire of knowledge, understanding and skills in order to design and make high-quality prototypes and products for a wide range of users
- critique,
- evaluate and test their ideas and products and the work of others understand and apply the principles of nutrition and learn how to cook.

Implementation

Design opportunities have been planned to develop food technology with the use of our designated facilities and our 'food for life' partnership. Recent years have seen an increase in resources for Design and Technology such as kitchen space, workbenches and tools to vastly expand the range of skills we can teach and implement at Baines' Endowed.

We have themed weeks within school with a focus on a specific topic or theme incorporating an art and design aspect featuring a cultural focus or a local / historical artist or painting. This work runs parallel to and extends the opportunities children have within the classroom.

Local artists, designers and engineers are invited into school to model skills to staff and children to develop confidence, professional development and extend the diversity of creative opportunities our children can experience.

Children's completed construction models and photographs of the processes used are displayed throughout school within classrooms and as part of the corridor displays as well as within staff areas demonstrating the pride we have for our children's talent.

Impact

Photographic evidence and reflective analysis are collected within folders. This evidence demonstrates progression and allows children the opportunity to reflect on their work and use their experiences to inspire future creations with modifications and changes as they deem necessary. The evaluation process is valuable to the children's progression in the subject and will show them the importance of self-reflection, not just in Design and Technology but in many areas.

Design and Technology is a solid vehicle for cross-curricular learning and the subject naturally lends itself to processes commonly found in subjects such as Maths and Science. The process involved in designing allows for children to become problem solvers and more independent thinkers.

Review

Date of last review: October 2021

This policy will be reviewed regularly by DT team