

Design and Technology

INTENT

Here, at Gayton C of E Primary Academy we intend to build a Design Technology curriculum which is inspiring, rigorous, and practical. We want our children to use creativity and imagination, to design and make products that solve real and relevant problems within a variety of contexts, considering their own and others' needs, wants and values. We intend for all children to acquire appropriate subject knowledge, skills and understanding as set out in the National Curriculum. We want Design and Technology to prepare our children, to give them the opportunities, responsibilities, and experiences they need to be successful in later life.

IMPLEMENTATION

Throughout their time at Gayton C of E Academy, the children are given a range of opportunities to explore a wide variety of materials and techniques, developing their skills and thinking as young designers. It has been designed to ensure full coverage of the National Curriculum, to ensure learning is sequential throughout EYFS - Year 6 and to ensure the skills learnt are progressive and build upon prior knowledge throughout each year group.

Children have opportunity to develop their skills within the following Design and Technology forms, across different scales, independently and collaboratively:

- Cooking and nutrition
- Stable structures
- Programming and electrical
- Mechanical systems
- Textiles
- Invention and achievements

IMPACT

Through following a clear and comprehensive scheme of work in line with the National Curriculum, it is expected that teaching and learning will show progression across all key stages within the strands of Design and Technology. Subsequently, more children will achieve age related expectations in DT at the end of their cohort year and Key Stage. It is our aim that children will retain knowledge and skills taught within each unit of work, remember these and understand how to use and apply these in their own art work, whilst beginning to understand what being a 'designer' means. At Gayton C of E Academy, we are able to measure the impact that Design Technology has had for all children by:

- Summative assessment of pupil discussions about their learning.
- Images of the children's practical learning.
- Interviewing the pupils about their learning (pupil voice).
- Moderation staff meetings where pupil's books are scrutinised and there is the opportunity for a dialogue between teachers to understand their class's work.
- Lesson observations to ensure curriculum and skills are being taught.

By the time children leave Gayton C of E Academy we want them to have developed a passion for design and creativity, working both independently and collaboratively. They will have grown in confidence when using a range of tools and techniques, becoming designers that can apply the skills and knowledge that they have developed throughout the years and respond critically to their own and other's work.