

Rockcliffe CE School Overview for Design Technology

Intent

Upon leaving Rockcliffe CE School, we aim to have equipped all our children with the necessary skills they will need to succeed at secondary school and beyond.

Most children should achieve age related expectations in Design Technology at the end of each phase. Our Design Technology curriculum is progressive, building upon prior learning from previous year groups.

At Rockcliffe CE School it is our intention to provide a high-quality Design and Technology curriculum which enables all pupils:

- to develop with increasing confidence and skill the creative, technical and practical expertise to carry out everyday tasks in an increasingly technological world.
- To acquire knowledge, understanding and skills which build over time enabling them to fully explore the design process and make high quality products for a range of users and purposes
- To critically evaluate and test their own ideas and products (as well as those of others) ensuring it is of the highest possible quality
- To understand and apply their knowledge of nutrition through food technology.
- To learn how to cook, an essential life skill and great expression of creativity

Implementation

Coverage through Design Technology curriculum:

- To ensure full coverage, Design Technology topics and objectives are carefully mapped out to ensure continuity and progression in knowledge, skills and vocabulary across the whole school.
- Children are encouraged to use creativity and imagination to design and make products that solve real and relevant problems within a variety of contexts.
- Where possible we will try to link our designs to our topics. However, if specific skills need to be taught then stand-alone lessons will be used
- Practical learning experiences and investigations within the classroom
- Delivery showing clear following of the design process where each project will follow: research, design, make and evaluate.
- High quality modelling and direct instructions
- Misconceptions are addressed and challenged
- Vocabulary explained and displayed
- Questioning to assess understanding
- Scaffolding for children requiring support
- A range of skills will be taught ensuring that children are aware of health and safety issues related to the tasks undertaken

Impact

The majority of pupils achieve age related expectations at the end of each phase.

Clear evidence of continuity and progression across phases in displays and books.

Children will have clear enjoyment and confidence in design and technology that they will then apply to other areas of the curriculum.

As designers, children will develop skills and attributes they can use beyond school and into adulthood.