



BROADWATER
CHURCH OF ENGLAND
PRIMARY SCHOOL

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Design and Technology Guidance

Turn your ear to wisdom and apply your heart to understanding (Proverbs 2:2)

Broadwater is a Christian School. We will enable children to become wise, confident, successful learners with the motivation, skills and responsibility to make a positive difference in God's world. Our vision is underpinned by the values we live by.

The Holy Spirit produces this kind of fruit in our lives: love, joy, peace, patience, kindness, goodness, faithfulness, gentleness, and self-control. There is no law against these things! Galatians 5:22

It is this fruit that, in partnership with parents, we will instil in the children of our school.

Design and Technology Guidance

INTENT

Aims of this subject

To encourage innovation, creativity and practicality in design, technical skill in making and realistic evaluation of completed items.

To facilitate an understanding of the subject and enable the growth of knowledge in an increasingly technological world.

To understand and apply the principles of nutrition and to learn how to cook.

Pupils are already discriminating users and purchasers of a range of products. Design and Technology gives them the opportunity to become involved in the creative process: to plan and solve real and relevant problems in a range of contexts using a variety of materials, to develop confident and safe, making skills and to reflect upon the aesthetics and function of products generally. Pupils' potential to be innovative producers, as well as informed consumers, is fostered in this subject.

IMPLEMENTATION

The subject leader will ensure that the programmes of study in the National Curriculum are followed and a cycle of topics ensure that these programmes are implemented.

- Mechanisms, structures, food and textiles (KS1)
- Mechanisms, structures, food (mainly savoury), textiles, electrical systems, control and computing (KS2)

One food unit and one other DT unit will be completed each term. The positioning of these units in the timetable will ensure that resources are available to staff when required.

Teachers are responsible for the production of their own medium-term plans, and these will be moderated by the subject leader.

It is the teacher's responsibility to ensure the correct health and safety guidelines are explicitly shown on medium-term plans, are followed by all staff and are taught to the children at the appropriate time. The subject leader will monitor this throughout the year.

It is necessary to ensure the skills involved in the subject are developed across the year groups and stages to ensure progression and continuity and this will also be monitored by the subject leader when moderating planning. Furthermore, it is essential that the process of research, design, make and evaluate is clear in teachers' medium-term plans, which will also be monitored by the subject leader.

IMPACT

Assessment arrangements

Pupils will be assessed twice in Design and Technology in the course of the year. At the end of the year a band judgement will be made and entered onto Target Tracker. Refer to Staff Handbook and PARR Policy.

Resources

Each year group will be required to request resources needed for each topic and these and further resources will be available from the DT storeroom. The storeroom door is to be kept locked, with the key easily available to staff in the Reprographics room on the spoon keyring.

All electrical items have been cleared as safe by county in the annual PAT test, and saws and power tools will be checked annually and be approved by the health and safety officer. However, it is teacher's responsibility to liaise with the subject leader should a tool break or need replacing during the interim.

Other guidance which links to this document:

Art, Computing, Maths, Science.