

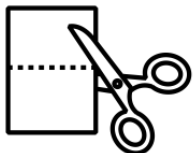
Early years Foundation Stage Framework

The area of "Expressive Arts and Design" is the aspect related to Design and Technology for our youngest pupils. The EYFS framework clearly identifies and strengthens the role of design and technology.

DT makes an important contribution to children's development in all seven EYFS areas of learning.

When designing and making products children should be thinking about:

- **User** e.g. a coat for teddy, a new cloak for Little Red Riding Hood.
- **Purpose** e.g. fruit drinks or sandwiches for a party
- **Function** e.g. a construction kit wall strong and stable enough for Humpty, or a safe house for the three little pigs
- **Aesthetics** e.g. decoration used on a simple textiles bag, for example an overnight bag for one of the three pigs.



St George's Beneficial C of E Primary School



Design and Technology

At St. George's Beneficial C of E Primary School we believe Design and Technology is an inspiring, problem solving, practical subject. DT encourages children to learn to think creatively and imaginatively; 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. Pupils have the opportunity to test, evaluate, develop and improve their products. On their journey through the school, pupils have the chance to make products that move and light up, are strong and stable and learn to produce healthy meals. Where possible, we will make links to other subjects such as mathematics, science, computing, art and our Christian values. The children are also given opportunities to identify design technology all around us, discuss its uses and effectiveness and they are encouraged to become innovators and risk-takers.

Through DT, children can develop skills of problem solving, resilience and the ability to work collaboratively with others, which can be applied across the whole curriculum. They learn how to use a range of tools safely and how to select tools and materials to create effective functional products.



We aim to:-

1) consider who the children are designing and making for, the purpose of the product, how it works and identify any specific criteria their product must meet to be successful, e.g. smooth working parts, food combinations that are tasty and healthy, securely join materials such as wood, paper, fabrics, etc.

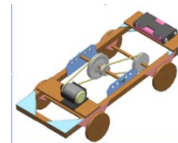
2) communicate their ideas clearly, make changes to designs and prototypes during making in response to ongoing testing and evaluation.

3) develop technical competence, measure with accuracy, using tools and joining components safely to make well finished products.

4) draw upon their understanding and knowledge from other subjects to explain how their products work.

5) use an increasingly technical vocabulary when talking about what they might change as the work develops.

6) In food and nutrition, children will learn essential life skills including kitchen hygiene and routines, healthy eating, how to safely use kitchen tools and equipment to prepare and cook a variety of savoury dishes.

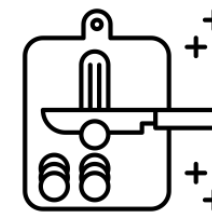


equipment and will learn skills for cooking, textiles, construction, mechanisms and structures.

Teachers at both Key Stages link tasks to topics if appropriate, which are relevant to all the children. Pupils will be given the chance to work with a range of tools, materials and

Resources

The tools and majority of materials are provided by the school. Occasionally some specific materials or a small monetary contribution may be requested to complete some projects.



Assessment

Ongoing teacher assessment is an integral part of good practice. It is important to remember that the main reason for assessment is to enable the teacher to match the tasks set to the abilities and needs of the pupils as they progress. Children learn how to evaluate and adapt plans for their products as part of the design, make, evaluate cycle. They begin with discussing what they have learnt in previous units and what they will be learning on

Health and Safety

Handling tools in DT is an important part of learning. From how to use needles and pins when sewing, to safely using saws and drills in woodwork, to the use of heat for cooking in Key Stage 2. Risk assessments are carried out for each unit concerning safe use of equipment to minimise risks.

(Glue guns - KS2 (aged 8+) only)

HCC Key Stage 1 & 2 Health & Safety in DT

