

Statement of intent

Dussindale Primary School understands that D&T allows pupils to solve problems, think creatively and develop ideas. D&T offers children a chance to use creative thinking and activity within a defined purpose and tangible outcome. Dussindale Primary School is committed to nurturing children's curiosity and creativity, as well as preparing them for living in a modern world where technology is rapidly changing and advancing.

Aims

In teaching D&T, we aim to help pupils:

- Develop their design and making skills.
- Develop their knowledge and understanding of design and technologies.
- Use a wide range of tools and materials.
- Learn about working safely and protective measures.
- Work individually and collaborate with other pupils in a variety of contexts.
- Develop the capability to create products of a high standard through skills and understanding.
- Evaluate products, made by themselves, their peer groups and companies.
- Explore the man-made world and encourage discussion of how we live and work within it.
- Develop an interest in and understanding of technological processes and the role of manufacturing in society.
- Learn the principles of nutrition, healthy eating and how to cook.

Legal framework

This policy has due regard to statutory legislation, including, but not limited to, the following:

- DfE 'Keeping children safe in education' 2016
- DfE 'Design and technology programmes of study: key stages 1 and 2' 2013
- The School Admissions (Infant Class Sizes) Regulations 2012

National curriculum

Dussindale Primary School aims to assist pupils in achieving attainment targets set out in the national curriculum. By the end of each key stage, pupils are expected to know, apply and understand the matters, skills, and processes specified in the national curriculum. Pupils will

learn a broad range of subject knowledge and draw on disciplines such as maths, science, engineering, computing and art.

In accordance with the national curriculum, Dussindale Primary School 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 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.

Through a variety of creative and practical activities, pupils will be taught the knowledge, understanding and skills needed through a variety of creative and practical activities. They should work in a range of relevant contexts, e.g. the home, school, leisure, enterprise, industry and the wider environment.

Roles and responsibilities

The Subject leader will outline:

- How D&T should support, enrich and extend the curriculum.
- The provision and allocation of resources.
- The ways in which D&T can benefit the aims and objectives of the school.
- Overseeing and implementing this D&T Policy across the school.
- Maintaining resources and advising staff on the use of materials.
- Assisting senior management in deciding on the allocation of resources.
- Supporting teaching staff, advising and offering to share their expertise and experience.
- Leading staff training on new initiatives.
- Helping staff to plan future lessons and assessments and advising teachers on teaching methods they may wish to explore.
- Encouraging staff and pupils to be creative.

Classroom teachers are expected to:

- Plan and deliver interesting and engaging lessons that adhere to the national curriculum.
- Provide equality of opportunity through their teaching approaches and methods.
- Keep up-to-date assessment records.
- Ensure pupils' development of skills and knowledge progresses through their learning and understanding of D&T.
- Set pupils suitable targets based on prior attainment.
- Maintain an enthusiastic approach to D&T.



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Links to other parts of the curriculum

D&T contributes to the teaching of a number of other subjects in school, for example, pupils must apply their knowledge of fractions and percentages to describe different quantities.

Health, safety and hygiene

In order to maximise their learning experience, pupils are allowed full access to a wide range of materials in D&T lessons; however, health and safety concerns are inherent with D&T, including storing materials and tools, and the use of equipment.

Personal protective equipment (PPE); such as gloves, head protection, eye protection and hearing protection is made available to all pupils and teachers.

The risks of each task will be assessed by the classroom teacher and subject leader before lessons and relevant PPE will be compulsory based on their decisions.

Equipment will be tested before the start of every lesson by the classroom teacher.

Pupils will be supervised at all times during D&T lessons. In accordance with DfE legislation, primary school class sizes, will not exceed 30 pupils.

All tools, such as glue guns, are checked before use by the D&T subject leader. It is also the duty of staff to recognise and assess the hazards and risks associated when working with food and other materials.

All pupils will be taught how to use all equipment properly by the classroom teacher before doing so; similarly, pupils will also be fully briefed on the importance of how to correctly use equipment and tools.

Pupils are only allowed to use a lower temperature glue gun under one-to-one supervision - an adult must use the glue gun at all other times. Glue guns will be considered alongside all viable alternatives such as adhesive tapes, blue tack and other fasteners, to ensure the most suitable materials are used for each project.

Perishable food will be stored sensibly and refrigerated if necessary. Care must be taken by teachers and teaching assistants to ensure food is not used after the given best before date.

A fire safety blanket must be kept next to the cooker at all times.

If any cooking or food preparation is taking place in the classroom, all surfaces will be cleaned before and after use.

Teaching assistants may take small groups of children to cook in the cookery room

Parent helpers must be supervised when cooking with groups of children.

Teachers and teaching assistants must oversee that all cupboards, table tops and cookers are clean and in working order.



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Before cooking lessons staff will check pupils records to ensure pupils' allergies are taken into account.

Teaching

Dussindale Primary School uses a variety of teaching and learning styles in D&T lessons, the main aim of these lessons is to develop pupils' knowledge, skills and understanding. Teachers ensure children apply their knowledge and understanding when developing ideas, planning and making products, and then evaluating them.

Dussindale Primary School aims to do this through a mixture of whole-class teaching, group work, and individual activities. Pupils are given the opportunity to work on their own and collaborate with others, listening to their classmates' ideas and treating these with respect.

Resources and equipment

Dussindale Primary School has a selection of centrally stored materials, tools and equipment to ensure that all pupils have access to the necessary resources. The D&T budget covers the cost of materials and replacement tools. Teachers will be required to maintain the tools and equipment in their room.

Pupils may occasionally be asked to bring materials from home if they can; however, to allow all pupils the same opportunities, Dussindale Primary School will provide for pupils who are unable to do this.

Food technology resources are kept in the cookery room.

Additional learning resources, such as books and videos, are kept in cupboards on the first floor.

The subject leader and headteacher will assess the school's D&T tools and materials annually to ensure there is sufficient equipment for pupils, allowing funds to be allocated where necessary.

This policy should be read in line with all other school policies.



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