

Pinchmill Primary Design Technology Policy

Curriculum Intent

- Design and Technology is an engaging, creative and practical subject.
- Our curriculum offers pupils a way to build and apply their imagination and technical knowledge by designing and making products within a variety of contexts.
- Our Design and Technology curriculum allows children to build their skills through a carefully structured progression sequence. We want them to :
 - master practical skills ,
 - design, make, evaluate and improve
 - to take inspiration from design throughout history
- Design and Technology encourages independent and team work skills, problem solving and resilience
- Design and Technology draws on a broad range knowledge from across the subjects and has opportunities to apply other disciplines such as Mathematics, Science, Computing and Art in a meaningful way.

The DT Policy and the National Curriculum

At Pinchmill Primary School we follow the National Curriculum for Design and Technology. Our DT curriculum allows children to build their skills through a carefully structured progression sequence. Through four skill areas we will ensure that children:

- 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 and products 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

Implementation

- Our whole school curriculum provides opportunities to develop their DT skills using a variety of materials.
- Design and Technology at Pinchmill Primary School will be focussed upon four skill areas: **Structures, Mechanisms, Textiles and Cooking and Nutrition (See Food a fact of life website).**

- It is intended that all classes should work within these four areas. Progression is made each year by using a balanced programme of Design and Technology, which clearly builds on previous experience and takes account of earlier achievement.
- Pupils should be given the opportunity to work individually, in groups and as a class
- The children will undertake Design and Technology activities each term, but not necessarily as a weekly lesson. Sometimes a whole day or two days will be devoted to Design and Technology.

Equal Opportunities

At Pinchmill Primary School our aim is to provide for all children to achieve, regardless of gender, social and cultural backgrounds, disability or special needs. Work will be planned so that all children can take part in lessons fully and effectively.

Impact

- Assessments in Design and Technology will be based on teacher observations and made at the end of each unit.
- Their experiences and progress will be documented in termly assessments using target tracker assessment tool.
- Teachers to collect photographic evidence of practical work to be shared on whole school system for the use of DT leader.

Cross-curricular links

- DT draws on a broad range knowledge from across the subjects and has opportunities to apply other disciplines such as Mathematics, Science, Computing and Art in a meaningful way.

Resources

- Specific tools and equipment are located in the locked art cupboard. It is the responsibility of each class teacher to collect resources and then return them after use.
- Resources will be constantly reviewed and updated, within the restraints of the school budget.

Health and Safety

- Teachers will teach the safe use of tools and equipment and insist on good practice.
- Children will be taught how to take steps to control risks.

- Children will be strictly supervised in their use of equipment at all times.
- Glue guns will only be used under adult supervision.
- Bench hooks and clamps must be used when sawing any material; safety goggles must be worn and any loose items of clothing/hair must be tucked in.

Food Hygiene (See food a fact of Life website)

- Children and staff will take care to undertake appropriate hand washing and other hygiene related activities prior to preparing food.
- Children and staff working with food will use the Specialist teaching classroom. The specialist teaching room is equipped with a variety of cooking utensils. Each teacher must wash up and leave the room clean and tidy for the use of other groups.

Monitoring of the DT policy

- The subject leader will monitor and evaluate design technology throughout the school in a variety of ways; including, lesson observations, work scrutiny, pupil and staff questionnaires.
- The subject leader will also support fellow colleagues in the planning, teaching and CPD of design technology.

Evaluation of the policy

- The policy will be evaluated against certain criteria
- Results at the end of KS1 and KS2
- Progress made by the children on assessment
- Inset undertaken by any staff members
- Staff views and discussions
- Work and planning scrutinies made by the co-ordinators and the Head Teacher

Policy updated

Policy Date: March 2022

Review Date: March 2025