



Design and Technology Subject Content at Key stage 1

Through a variety of creative and practical activities, pupils should be taught the knowledge, understanding and skills needed to engage in an iterative process of designing and making. They should work in a range of relevant contexts [for example, the home and school, gardens and playgrounds, the local community, industry and the wider environment].

When designing and making, pupils should be taught to:

Design

- Design purposeful, functional, appealing products for themselves and other users based on design criteria.
- Generate, develop, model and communicate their ideas through talking, drawing, templates, mock-ups and, where appropriate, information and communication technology.

Make

- Select from and use a range of tools and equipment to perform practical tasks [for example, cutting, shaping, joining and finishing].
- Select from and use a wide range of materials and components, including construction materials, textiles and ingredients, according to their characteristics.

Evaluate

- Explore and evaluate a range of existing products.
- Evaluate their ideas and products against design criteria.

Technical knowledge

- Build structures, exploring how they can be made stronger, stiffer and more stable.
- Explore and use mechanisms [for example, levers, sliders, wheels and axles], in their products.

Cooking and Nutrition

- Use the basic principles of a healthy and varied diet to prepare dishes.
- Understand where food comes from.



Key Stage 1

Design and Technology

Rolling Programme

Year A		Year B	
Autumn	<p>Fruit Salad</p> <p>Design and Make a fruit kebab for our class snack time</p> <p>Cooking and Nutrition</p>	Autumn	<p>Fabric Bunting</p> <p>Design and Make a flag for a, class chosen, themed fabric bunting.</p> <p>Textiles</p>
Spring	<p>Moving Pictures</p> <p>Design and Make an appealing moving picture for younger children</p> <p>Mechanisms – sliders, linkages and levers</p>	Spring	<p>Moving Toys</p> <p>Design and Make a rolling toy for a young Victorian school child</p> <p>Mechanisms - wheels and axels</p>
Summer	<p>Pirate Paddy's Packed Lunch Problems</p> <p>Design and Make a new lunch box that can move between pirate ships.</p> <p>Structures</p>	Summer	<p>Dips and Dippers</p> <p>Design and Make a delicious dip for a teddy bears picnic</p> <p>Cooking and Nutrition</p>