

DT

For DT in the Summer term, we would expect the teacher to complete topics identified on the long term plan, attached below. We would also like the teacher to cover the following objectives from the Spring term in addition – this is made possible by the length of 15 weeks for the term. These objectives have been drawn from discussion with the Curriculum Lead for DT and Class Teachers based on what they had taught in the Spring term and on what the children had retained and understood.

We would expect these objectives to be secured by the end of the term so that future planning in DT will be based on what children have been taught. It also means that future teachers can be confident of the knowledge and skills of the children they are receiving.

Y1

- Explore and use mechanisms [for example, levers, sliders, wheels and axles], in their products.
- Generate, develop, model and communicate their ideas through talking, drawing, templates, mock-ups and, where appropriate, information and communication technology
- Select from and use a range of tools and equipment to perform practical tasks [for example, cutting, shaping, joining and finishing]
- Explore and evaluate a range of existing products
- Evaluate their ideas and products against design criteria

Y2

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

Y3

- To explore and evaluate inventors/designers/engineers who have developed pulley and lever designs, understanding how well products have been designed, made, what materials have been used and the construction technique
- To experiment with tools and techniques used to create a pulley and lever design understanding that they create movement
- To plan a simple pulley and lever design by drawing, labelling and identifying a criteria for a successful product

Y4

- To explore and evaluate inventors/designers/engineers/ who have developed bridge designs, understanding how well products have been designed, made, what materials have been used and the construction technique
- To experiment with making bridges using different materials, to develop clear ideas, planning how to use materials, equipment and processes, and suggesting alternative methods of making, if the first attempts fail

Y5

- To explore and evaluate a range of musical instruments considering inventors/designers/engineers/ who have developed musical instruments, understanding how well products have been designed, made, what materials have been used and the construction technique
- To experiment with making sounds using different materials and techniques, to develop clear ideas, planning how to use materials, equipment and processes, and suggesting alternative methods of making, if the first attempts fail
- To work safely and accurately with equipment to make a musical instrument, using finishing techniques to strengthen and improve the appearance, ensuring a good quality finish
- To evaluate musical instrument design against design criteria, by carrying out appropriate tests and considering others viewpoints on how to improve them

Y6

- To research seasonal foods – fruits and vegetables. Understand seasonality and know where and how a variety of ingredients are grown, reared, caught and processed. To taste and evaluate seasonal foods, identifying likes/dislikes and considering the views of others
- To understand the principles of a healthy and varied diet through exploration of nutrients included in ingredients

	1	2	3	4	5	6
Nursery	Be Creative and Build		Chinese New Year Lanterns/ Hats		Minibeast Models	
Reception	Be Creative and Build		Pancakes		Flowers	
Y1	Making Vehicles		Levers and Sliders		Healthy Sandwiches	
Y2	Towers and Structures		Animal Puppets		Healthy Picnic Snacks	
Y3	Christmas Biscuits		Pulleys and Levers		Complex Structures	
Y4			Bridges		Electrical Circuits	
Y5	Tudor Purses		Musical Instruments		Moving Toys	
Y6	Sock Snowmen		Seasonal Meals		Rollercoasters	