



Design Technology - Long Term Curriculum Overview 2022-23

Subject area	Autumn Term A	Autumn Term B	Spring Term A	Spring Term B	Summer Term A	Summer Term B
F1	Explore a range of construction materials and resources in continuous provision. Build walls for Humpty Dumpty. Access tools and equipment. Explore materials and choose what to do with them.	Design and build broomsticks for the witch. Use scissors and glue to create stick puppets (Nativity/traditional tale characters) and make attachments.	Junk modelling – Chinese dragons for a dragon dance	Making gingerbread men. Exploring bridges, materials, and floating and sinking.	Explore how things work – robots and machines. Explore small world resources and construction materials – farms and maps.	Make imaginative and complex 'small worlds' (zoos). Explore different materials freely, in order to develop their ideas about how to use them and what to make.
F2	Construction Using various construction materials. Joining construction pieces together to build and balance.	Self Service snack- Cutting and preparing fruit Using simple tools and techniques completely and appropriately	Exploring different joins Selecting tools and using techniques needed to shape, assemble and join materials	Junk Modelling Experiment with colour, design, texture, form and function	Forest school- Den building Safely use and explore a variety of materials, tools and techniques.	Props making for F2 performance Make use of props and materials when role playing characters in narratives and stories.
Year 1	Structures: Playgrounds Make a plan/use my own ideas/Make model stronger/make product that moves		Cooking and Nutrition: Fruit Smoothie Cut food safely/explain how to make a product			Mechanisms: Moving Pictures Penguins Describe how something works/ make product that moves
Year 2		Mechanisms: Winding Mechanisms (Great fire of London)		Cooking and Nutrition: A Balanced Diet (Vegetable Wraps)		Structures: Beach Shelters
Year 3		Cooking and Nutrition: Mediterranean Pasta Sauce		Mechanical Systems: Pneumatics (Volcanoes)		Structures: (Greek Buildings)
Year 4		Textiles: Egyptian Slippers		Mechanical Systems: Pop up Books		Cooking and Nutrition: Bread
Year 5		Cooking and Nutrition: Soup and Savoury Scone		Mechanical Systems: Moving Toys		Structures: Bridge Building
Year 6		Cooking and Nutrition: Vegetable Cake		Textiles: Waistcoats		Mechanical and Electrical systems: Fairgrounds