

BRANDON PRIMARY ACADEMY
DESIGN TECHNOLOGY LONG TERM CURRICULUM OVERVIEW
2024 – 2025

	Autumn		Spring		Summer	
Nursery	Structures Junk Modelling – Cutting and joining	Structures Exploring textures – Salt dough decoration	Textiles Running stitch - Valentine’s heart	Food and Nutrition Preparing fruit and vegetables to make a snack.	Structures Junk Modelling – Building a house or vehicle	Structures Building to a larger scale using a range of materials.
Reception	Structures Junk Modelling	Food and Nutrition Soup	Textiles Whipstitch Valentine’s heart	Mechanisms Easter chick moving picture	Food and Nutrition Fruit salad	Structures Boats
Year 1	Structures Construct a piece of stable playground equipment		Mechanisms Create a moving picture/storybook using sliders or levers		Food and Nutrition Design and make a summer smoothie made from fruit and vegetables	
Year 2	Mechanisms Construct a fire engine with wheels and axles		Textiles Construct and make an animal puppet		Structures Create a stable lighthouse using a pulley system	
Year 3	Mechanisms Make a moving monster/character using levers and linkages		Textiles Create a Pouch		Food and Nutrition Design and make a healthy Gyros wrap	
Year 4	Electrical Systems Create a Doodler		Structures Construct a 3D castle		Mechanisms Design a toy using pneumatics	
Year 5	Structures Design and make Anglo-Saxon homes and bridges		Mechanisms Moving space model using cams		Textiles Using cross-stitch / applique blanket stitch make an Egyptian collar.	
Year 6	Electrical Systems / Mechanisms Create a moving carousel		Food and Nutrition Come Dine with me - Tex-Mex theme		Textiles Make a memory cushion.	
Structures		Food and Nutrition	Textiles	Mechanisms	Electrical systems	