

High Down Schools * Design and Technology, Long Term Plan

	Reception	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
Autumn	T1 Junk modelling Cooking: Bread T2 Junk models: rockets. Construction own choice	T1: Textiles: Weaving. Cutting and joining: Dioramas T2: Textiles: Sewing simple decorations	T1: Cutting & Joining: Design and make dragons from everyday objects. T2: Making animal homes from everyday materials (Science habitats Link)	Textiles: Design, make and evaluate a money container.	Textiles & Paper Mache: sewing and decorating a puppet.	Lighthouses – building tall Structures. (Science Light Link)	Textiles: sewing and decorating a Christmas decoration (whole design process and review of skills).
Spring	T3: Construction: bridges T4: Construction: settings and landscapes. Textiles: Weaving on railings and frames.	T3: Construction kits & Design & make house models. T4: Hinges: Shoe box room (His Link)	T3: Textiles: Design and sew a simple puppet.	Photo Frames: using cardboard – Strengthening and joining.		Textiles: sewing and decorating a teddy bear. Net Zero: designing, making and testing a model. Design challenge to reduce carbon consumption.	Shelters and Structures. (History WW2 Link)
Summer	T5: Junk modelling: farm machinery Joining: tube tractors. T6: Variety of construction materials: castles & beanstalks. Jack & the Beanstalk	T5: Pivots and levers: Moving Minibeast Pictures. T6: Food Tech: Design a Fruit Salad.	T5: Construction kits: Lego/K'Nex: Castles. Design and make castle models. T6: Wheels and axles: battering rams/trebuchets. Winding mechanisms: Drawbridge/wells. (His Link: Castles)	Moving Story Books: pins, pivots, levers, flaps.	Moving insects and creatures – pneumatics. (Science Habitats Link) Bridges: cutting, joining and Strengthening. (Geography Rivers Link)	 Moving Toys - axels, wheels and cams. (History Victorians Link)	Business Week: Planning and running a school fair stall. Variable skills including graphics, cooking, craft and entertainment.

Food Tech	T1: Bread making T2: Jelly T3: Gingerbread men T4: Melting and freezing: Easter nests T5: Cheese scones T6: Cook potatoes we have grown; fruit kebabs	T2: Flap Jacks T6: Design a fruit salad	T3: Make a naan bread. T4: Chop and prepare fruit and veg. Design a healthy food plate. Smoothie/lolly.	Make a stir fry - science link.	Anglo Saxon inspired cooking.	Make pizza.	Make bread – harvest link.
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