

Curriculum Overview – Design Technology

For Skills and teaching needed see Projects on a Page document (D&T Association)

Year group and term	Unit name	Product	User	Purpose	Links to other subjects
Year 3 Autumn Term	Food – healthy and varied diet	Sandwiches	Consumer	Healthy food choices	Science – animals including humans (nutrition)
Year 3 Spring Term (2023/24 Y4 autumn term.)	Mechanical systems – levers and linkages	Moving books	Educational book for a Y2 pupil	Create fun and movement in a book Educational	Science - forces
Year 3 Summer Term	Textiles – 2-D shape to 3-D product	Applique class blanket	Child in the class calm corner	Calming, security	PSHE - mental health and wellbeing. Making a reading corner display
Year 4 Autumn Term (2023/24 - Summer term)	Electrical systems – simple switches and simple programming and control (Scratch)	Computer game	KS1 children	enjoyment, education	Computing - programming
Year 4 Spring Term	Structures – shell structures	Microhabitat	minibeasts and gardeners	home for wildlife/ecology	Science - habitats
Year 4 Summer Term (From Summer 24/25)	Food				

Year 5 Autumn Term	Food – celebrating culture and seasonality	Healthy, warming Soup	Consumers in a cafe	Create a tasty, easy to consume, healthy soup suitable for	Sci/PSHE - healthy bodies
Year 5 Spring Term	Mechanical systems – cams or pulleys & gears	TBA	TBA	TBA	TBA
Year 5 Summer Term	Electrical systems – more complex switches and circuits. Monitoring and control (crumble) motors and sparkles	Working model of a carousel (toy or collectable)	child - toy playing adult - collectable	collecting, building, enjoyment.	Computing - programming A - crumbles
Year 6 Autumn Term	Structures – frame structures	Skate ramps	Child	Ramps for Tec Deck toys (modelled on real life skate ramps)	Art (drawing existing ramps)
Year 6 Spring Term	Food				
Year 6 Summer Term	Textiles – combining different fabric shapes	Phone pouch	High school student	To hold and protect phone and other essentials	Art - designing an attractive case