

DT Progression

	EYFS	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
Design		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	Use research and develop design criteria to inform the design of innovative, functional, appealing products that are fit for purpose, aimed at particular individuals or groups	Generate, develop, model and communicate their ideas through discussion, annotated sketches, cross-sectional and exploded diagrams, prototypes, pattern pieces and computer-aided design		
Vocabulary		idea, shape, make, construct, purpose, customer, aim, develop, template, use, appearance, transparent, opaque, wood, plastic, absorbent, wheel, wool, decoration, pattern, style, lever, survey		functional, appealing, aesthetic, ergonomic, brief, construction, client, purpose, criteria, usability, develop, dimension, evaluate, innovate, manufacture, material, modification, modify, process, product, prototype, quality, research, safety, specification, suitable, cross-section, consumer, dismantle, enlarged, exploded drawing, malleable, market research, proportion, circuit, friction, force, linear, linkage, pulleys, resistance, questionnaire			
Make		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	select from and use a wider range of tools and equipment to perform practical tasks [for example, cutting, shaping, joining and finishing], accurately	Select from and use a wider range of materials and components, including construction materials, textiles and ingredients, according to their functional properties and aesthetic qualities		
		equipment, tools, saw, cut, join, finish, construct, material, sew, glue, attach, stable, axle, glue gun, joint, scissors, screwdriver, ruler.		carpentry, timber, grain, screw, nails, glue, hinges, chisel, hammer, bench hook, glass paper, smoothing plane, knot, strengthening, right angle, assemble, adhesive, acrylic, dowel, laminate, coping saw,			
Evaluate		Explore and evaluate a range of existing products	Evaluate their ideas and products against design criteria	Investigate and analyse a range of existing products	Evaluate their ideas and products against their own design criteria and consider the views of others to improve their work	Understand how key events and individuals in design and technology have helped shape the world	
		review, improve,		evaluate, illustrate, critical, analyse			
Technical Knowledge		Build structures, exploring how they can be made stronger, stiffer and more stable		Apply their understanding of how to strengthen, stiffen and reinforce more complex structures	Understand and use mechanical systems in their products [for example, gears, pulleys, cams, levers and linkages]		

		Explore and use mechanisms [for example, levers, sliders, wheels and axles], in their products.	Understand and use electrical systems in their products [for example, series circuits incorporating switches, bulbs, buzzers and motors] Apply their understanding of computing to program, monitor and control their products
		Lever, sliders, wheels, axles, structures, stronger, stiffer, stable, reinforce, mechanisms	Reinforces, gears, cams, linkages, pulleys, levers, complex, series circuit.
Cooking & Nutrition.		Use the basic principles of a healthy and varied diet to prepare dishes Understand where food comes from.	Understand and apply the principles of a healthy and varied diet Prepare and cook a variety of predominantly savoury dishes using a range of cooking techniques. Understand seasonality, and know where and how a variety of ingredients are grown, reared, caught and processed.
		fruit, vegetable, healthy, portion, look, taste, texture, smell, size, shape, colour, ingredients, techniques, chopping, peeling, grating, measure, weigh, safety, hygiene, non-standard, farmed, caught, grown, standard measures, labelled increments, prepare, cook, recipe, consistency, heat source, sweet, savoury, recipe	accompaniments, calories, energy, savoury, garnish, diet, variety, carbohydrate, protein, dairy, fat, vitamin, mineral, crumbly, crunchy, greasy, creamy, gooey, moist, mushy, slicing, mixing, spreading, kneading, baking, raw, starchy, stodgy, cubing, creaming, melting, boiling, simmering, seasonality, sensory characteristics, zest. Source, grown, reared, caught, processed, organic, vegetarian, vegan, pescatarian, sustainability, allergies, intolerance, free range.