Curriculum End Points

Subject: DT

	Knowledge	Skills
EYFS	• Design: I can create my own designs • Evaluate: I can share and talk about my creations	• I can understand how to keep myself safe using equipment • I can chose resources to carry out my plan • I can use a range of small tools, including scissors, paint brushes and cutlery
Year 1	• Design: I can design purposeful, functional, appealing products for myself and others to use based on design criteria • Evaluate: I can explore and evaluate a range of existing products • Cooking and Nutrition: I understand where food comes from	• I can select from and use a range of tools and equipment to perform practical tasks (for example cutting, shaping, joining and finishing) • I can build structures, exploring how they can be made stronger, stiffer and more stable
Year 2	• Design: I can generate, develop, model and communicate my ideas through talking, drawing, templates, mock-ups and, where appropriate, information and communication technology • Evaluate: I can evaluate my ideas and products against design criteria • Cooking and Nutrition: I can use the basic principles of a healthy and varied diet to prepare dishes	• I can select from and use a wide range of materials and components, including construction materials, textiles according to their characteristics • I can select from a range of joining techniques • I can explore, use and make mechanisms in my products
Year 3	• Make: I can apply my understanding of how to strengthen, stiffen and reinforce more complex structures • Make: I can understand and use mechanical systems in my products (pneumatics and pivots) • Evaluate: I can begin to modify my original designs based on suitability for purpose • Cooking and Nutrition: I know how to use appropriate utensils to prepare and combine food	• I can build working mechanical systems using a variety of different equipment safely
Year 4	• Evaluate: I can investigate and analyse a range of existing products • Technical knowledge: I can understand and use electrical systems in my products • Cooking and Nutrition: I can understand and apply the principles of a healthy and varied diet, recognising the seasonality of food	• I can construct electrical circuits • I can use templates to create pattern pieces • I can use some sewing techniques to join materials
Year 5	• Design: I can 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 • Make: I can apply my understanding of how to strengthen, stiffen and reinforce more complex structures • Make: I can understand and use mechanical systems in my products (for example gears, pulleys, cams, levers and linkages)	• I can select from and use a wider range of tools and equipment to perform practical tasks • I can use gears and pulleys to speed up and slow down

	• Evaluate: I can evaluate my ideas and products against my own design criteria and consider the views of others to improve my work • Cooking and Nutrition: I can prepare and cook a variety of predominantly savoury dishes using a range of cooking techniques	
Year 6	• Design: I can generate, develop, model and communicate my ideas through discussion, annotated sketches, cross-sectional and exploded diagrams, prototypes, pattern pieces and computer-aided design • Technical knowledge: I can understand how key events and individuals in design and technology have helped shape the world	• I can apply my understanding of computing to program, monitor and control my products • I can use a wider range of materials and components, including construction materials, textiles and ingredients, according to their functional properties and aesthetic qualities