



Design and Technology- National Curriculum Coverage Tracker



Year 5 and Year 6

When designing and making, pupils should be taught to:		A1	A2	A3	B1	B2	B3
Design	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	X	X			X	
	generate, develop, model and communicate their ideas through discussion, annotated sketches, cross-sectional and exploded diagrams, prototypes, pattern pieces and computer-aided design			X	X		X
Make	select from and use a wider range of tools and equipment to perform practical tasks [for example, cutting, shaping, joining and finishing], accurately	X	X	X	X	X	X
	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		X	X	X		X
Evaluate	investigate and analyse a range of existing products	X		X		X	
	evaluate their ideas and products against their own design criteria and consider the views of others to improve their work	X	X	X	X	X	X
	understand how key events and individuals in design and technology have helped shape the world	X		X			X
Technical Knowledge	apply their understanding of how to strengthen, stiffen and reinforce more complex structures		X		X		
	understand and use mechanical systems in their products [for example, gears, pulleys, cams, levers and linkages]		X		X		
	understand and use electrical systems in their products [for example, series circuits incorporating switches, bulbs, buzzers and motors]			X			X
	apply their understanding of computing to program, monitor and control their products			X			X
Cooking and Nutrition	understand and apply the principles of a healthy and varied diet	X				X	
	prepare and cook a variety of predominantly savoury dishes using a range of cooking techniques	X				X	
	understand seasonality, and know where and how a variety of ingredients are grown, reared, caught and processed	X				X	

A2- DO RAINFORESTS NEED PROTECTING?

A3- WHAT IS SUCCESS?

B1- WHAT LIES ABOVE OUR HEADS AND BENEATH OUR FEET?

B2- WHAT IS WONDERFUL ABOUT WHERE WE LIVE?

B3- ARE THERE ANY DISCOVERIES STILL TO BE MADE?