YEAR GROUP/TERM		1A	1SP	1SU	2A	2SP	2SU	3A	3SP	3SU	4A	4SP	4SU	5A	5SP	5SU	6A	6SP	6SU
DESIGN	design purposeful, functional, appealing products for themselves and other users based on design criteria	X	X	X	X	X	X												
	generate, develop, model and communicate their ideas through talking, drawing, templates, mock-ups and, where appropriate, information and communication technology	X	X		X	X	X												
	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		X	X	X	X	X	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	X	X	X	X	X	X	X	X	X
MAKE	select from and use a range of tools and equipment to perform practical tasks [for example, cutting, shaping, joining and finishing]	X	X		X	X	X												
	select from and use a wide range of materials and components, including construction materials, textiles and ingredients, according to their characteristics	X	X	X	X	X	X												
	select from and use a wider range of tools and equipment to perform practical tasks [e.g. cutting, shaping, joining and finishing], accurately							X	X	X	X	X	X	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	X	X	X	X	X	X	X	X
EVALUATE	explore and evaluate a range of existing products	X	X	X	X	X	X												
	evaluate their ideas and products against design criteria	X	X	X	X	X	X												
	investigate and analyse a range of existing products							X		X	X	X	X		X	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	X	X	X	X	X	X
	understand how key events and individuals in design and technology have helped shape the world							X	X	X	X	X	X	X	X	X	X		X
TECHNICAL KNOWLEDGE	build structures, exploring how they can be made stronger, stiffer and more stable	X	X			X													
	explore and use mechanisms [levers, sliders, wheels and axles], in their products.		X		X														
	apply their understanding of how to strengthen, stiffen and reinforce more complex structures							X	X	X		X	X	X		X	X		X
	understand and use mechanical systems in their products [for example, gears, pulleys, cams, levers and linkages]							X	X			X	X	X		X			X
	understand and use electrical systems in their products [e.g. 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 NUTRITION	use basic principles of a healthy and varied diet to prepare dishes			X															
	understand where food comes from			X															
	understand and apply the principles of a healthy and varied diet										X				X			X	
	prepare and cook a variety of predominantly savoury dishes using a range of cooking techniques							X		X	X				X			X	
	understand seasonality, and know where and how a variety of ingredients are grown, reared, caught and processed							X		X					X			X	