Year Group	<u>Design</u>	<u>Make</u>	<u>Evaluate</u>	Technical Knowledge	Cooking and Nutrition
Reception	Create collaboratively, sharing ideas, resources and skills	Safely use and explore a variety of materials, tools and techniques, experimenting with design, texture, form and function	Return to and build on their previous learning, refining ideas and developing their ability to represent them	Share their creations, explaining the process they have used	
Year 1	Explore a range of existing products Show some awareness of the purpose of their product Create a simple design for a product for a particular purpose or user Discuss their design for their product	Follow a simple design Use appropriate tools, materials and techniques Perform practical tasks, including cutting and joining with help Create a product based on their designs Follow safety rules and use equipment	Discuss strengths and weaknesses of a product Discuss, with support, whether their product has met the design criteria	Explore building structures that are strong and stable Use simple mechanisms in their product	With help, follow a simple recipe Use some of the basic principles to prepare dishes Show some understanding of where the food they are using comes from

Year 2	Explore and evaluate a range of existing products Know the purpose of their product Design a product for a particular purpose or user Communicate a design for their product	Follow a simple design Select and use appropriate tools, materials and techniques Perform practical tasks, including cutting and joining Create a product based on their designs Follow safety rules and use equipment correctly	Identify strengths and weaknesses of a product Discuss whether their product has met the design criteria	Build structures that are strong and stable Use mechanisms in their product	Follow a simple recipe Use the basic principles to prepare dishes Show an understanding of where the food they are using comes from
Year 3	Identify how existing products are fit for purpose Know the purpose of their product	Follow their own design Select and use appropriate tools, materials and techniques	Begin to evaluate their ideas and products against their own design criteria With guidance, discuss whether their	Build more complex structures, thinking about making them strong and stable Show some understanding of and use mechanisms in	Prepare and cook healthy dishes, with help where required Understand some of the principles of a healthy varied diet Show some
				their product	understanding of

	Design a product for	Perform practical	product has met the		seasonality and
	a particular purpose	tasks, including	design criteria		where a range of
	or user	cutting and joining,	3		food comes from
		with greater			
	Generate and	precision			
	communicate my	p. 66.6.6.			
	design ideas.	Create a product that			
	0.00.8.1.10.0001	reflects their original			
		design			
		Follow safety rules			
		and use a wider			
		range of equipment			
		correctly			
		33.7.33.1,			
Year 4	Identify the design	Follow their own	Evaluate their ideas	Build more complex	Prepare and cook
	features of existing	design accurately	and products against	structures that are	healthy dishes
	products and how	,	their own design	strong and stable	
	they are fit for	Select and use	criteria	_	Understand the
	purpose	appropriate tools,		Understand and use	principles of a
		materials and	Discuss whether	mechanisms in their	healthy varied diet
	Know the purpose of	techniques,	their product has	product	
	their product	explaining their	met the design		Show an
		choices	criteria		understanding of
	Design a product for				seasonality and
	a particular purpose	Perform practical			where a range of
	or user	tasks, including			food comes from
		cutting and joining,			
	Generate and	with greater			
	ocherate and	With Breater			

	design ideas in a variety of ways	Create a product that reflects their original design Follow safety rules and use a wider range of equipment correctly			
<u>Year 5</u>	Use their knowledge of a range of existing products to help generate their ideas for the intended purpose or user Design functional and appealing products Generate, communicate and develop my design ideas in a variety of ways	Select and use a wider range of appropriate materials and techniques with precision and accuracy, Create a product that reflects their original design with adaptations, if needed Follow safety rules and identify potential dangers when using a wider range of	Evaluate their ideas and products against their own design criteria taking into account the views of others Discuss whether their product has met the design criteria Discuss how key events or individuals have influenced some designs, inventions and products that have	Apply their knowledge to strengthen, stiffen and reinforce structures Understand and use a wider range of mechanisms in their product Understand and use electrical systems in their products Apply their understanding of computing to	Prepare and cook healthy dishes Use a range of cooking techniques when creating dishes With help, apply the principles of a healthy and varied diet to the dishes they create Know the source of some of the ingredients they use
	ways	dangers when using	inventions and	understanding of	ingrealents they use

Year 6	Use their knowledge	Select and use a	Evaluate their ideas	Apply their	Prepare and cook a
	of a broad range of	wider range of	and products against	knowledge to	range of healthy
	innovative,	appropriate	their own design	strengthen, stiffen	dishes
	functional and	materials and	criteria taking into	and reinforce	
	appealing existing	techniques with	account the views of	complex structures	Use a range of
	products to help	precision and	others in order to		cooking techniques
	generate their ideas	accuracy, taking into	improve their work	Understand and use	when creating dishes
	for the intended	account functional		a wider range of	
	purpose or user	properties and	Discuss whether	mechanisms in their	Apply the principles
		aesthetic qualities	their product has	product and justify	of a healthy and
	Design innovative,		met the design	choices	varied diet to the
	functional and	Create a product that	criteria		dishes they create
	appealing products	reflects their original		Understand and use	
		design with	Discuss how key	electrical systems in	Know the source of a
	Generate,	adaptations, if	events or individuals	their products	variety of ingredients
	communicate,	needed	have influenced		
	develop and justify		some designs,	Apply their	
	my design ideas in a	Follow safety rules	inventions and	understanding of	
	variety of ways	and identify potential	products that have	computing to	
		dangers when using	helped shape the	program, monitor	
		a wider range of	world	and control products	
		equipment correctly			