22/23			DT					
Торіс	-	k Nutrition g & Testing	Creative, Techn Evaluating		Designing & Making Evaluating & Testing			
Topic Who/When Skills	-		EvaluatingHedgehogsSpring 1• Selects an electrical object that will give light• Finds an item in their immediate environment that will move/make a sound/can be pulled/pushed• Uses electricity to move an object• Demonstrates	<ul> <li>&amp; Testing         <ul> <li>Hedgehogs</li> <li>Snips with scissors</li> </ul> </li> <li>Snips with scissors</li> <li>Rolls, flattens, tears, joins and moulds pliable material</li> <li>Grasps tools independently</li> <li>Puts an object together with assistance</li> <li>Turns a screw toy clockwise/anticlockwise</li> <li>Imitates a member of staff using a range of equipment</li> </ul>				
	<ul> <li>'no' to unwanted food</li> <li>Recognises food by sight, smell and taste</li> <li>Identifies that leaves grow on plants</li> <li>Identifies that plants grow</li> <li>Identifies that plants</li> <li>Identifies human needs eg food/drink</li> <li>Copes with most foods offered as part of a typical meal</li> <li>Points to parts of a plant when they are named</li> <li>Identifies human needs eg food/drink</li> <li>Communicates about how they feel if they eat too much/or when they are hungry</li> </ul>		<ul> <li>Demonstrates an awareness that specific actions cause an expected result</li> <li>Tests new/unfamiliar objects</li> <li>Identifies textures they feel on materials after verbal prompt</li> <li>Communicates about an aspect of their model/product</li> </ul>	things move at different speeds	<ul> <li>pull, blend, or squash a material after manipulating it</li> <li>Communicates about an aspect of their model or product</li> </ul>			

			• Explains in simple terms			
			what their product does			
Assessment	Steps 1 & 2	Steps 1 & 2	Steps 1 & 2	Steps 1 & 2	Steps 1 & 2	Steps 1 & 2

22/23				DT						
Торіс		& Nutrition g & Testing	Cre	ative, Techr Evaluating	ical & Practical & Testing		Designing & Making Evaluating & Testing			
Who/When	Squirrels Autumn 1	Squirrels Autumn 2	Squirrels	Spring 1	Squirrels	Spring 2	Squirrels	Summer 1	Squirrels	Summer 2
Skills	<ul> <li>Expresses the term hot and cold appropriately</li> <li>Measures using a range of non-numerical measuring equipment, cups, spoons</li> <li>Recognises that very hot objects can burn</li> <li>Begins to use scales</li> <li>Cuts soft foods safely</li> <li>Makes a simple savoury dish with assistance</li> <li>Drains liquids using a sieve or colander</li> <li>Tastes tests some fruit &amp; vegetables</li> <li>Classifies food by taste and texture</li> <li>Identifies that eating a variety of food is necessary to stay healthy</li> <li>Identifies fruit and vegetables</li> <li>Names a range of farm animals</li> </ul>	<ul> <li>Lists ways to cool something down/heat something up</li> <li>Cracks an egg with support</li> <li>Spreads a filling using a knife carefully</li> <li>Peels food, eg fruit, boiled eggs</li> <li>Suggests why they need to wash fruit and vegetables before eating</li> <li>Gathers together equipment they require</li> <li>Designs and makes a healthy non-cooked item eg smoothie, fruit salad</li> <li>Classifies some common foods as savoury or sweet</li> <li>Identifies plants that humans can eat</li> <li>Identifies that some festivals are celebrated with special foods</li> <li>Suggests three healthy desserts</li> <li>Names some fruit and vegetables which are</li> </ul>	<ul> <li>when the accomplete</li> <li>Presses a swicomplete ar screen</li> <li>Repeats swii at appropria</li> <li>Explores the pressing a brobot</li> <li>Describes himove using correctly</li> <li>Makes a sim with assista</li> <li>Lists examp software whactivated by</li> <li>Creates a sii electrical ciric cells, bulbs,</li> <li>Creates sim programme symbols eg</li> </ul>	vitch to n image on a itch pressing ate time e results of outton on a ow objects simple terms nple lever nce les of nich can be v switches mple frcuit using buzzers ple s using robot ne purpose of	<ul> <li>Folds, tears, cuts and card</li> <li>Hammers gently support</li> <li>Compares tools</li> <li>Joins different m</li> <li>Marks the mater a join/cut needs made</li> <li>Draws a line with</li> <li>Draws round shat templates</li> <li>Inserts paper fast card linkages</li> <li>Joins materials be overlapping</li> <li>Makes holes in s using a hand dril</li> <li>Demonstrates he a screwdriver/he nail/hold a hamm</li> <li>Identifies simple processes they m develop to impro- design</li> <li>Describes two si properties of com- materials</li> </ul>	y with naterials rial where s to be th a ruler ape steners for by soft wood ill ow to turn old a mer e need to ove their imple	<ul> <li>Builds using constructio</li> <li>Builds using cogs</li> <li>Makes proc structures, constructio eg straws to framework</li> <li>Selects mat generally at the task wh product</li> <li>Follows sim make an ob</li> <li>Discusses to using appro- vocabulary</li> <li>Identifies so</li> </ul>	their idea odel several parts geometric n material ginterlocking ducts, objects using n materials o build 3D cerials ppropriate to the making a apple plans to oject heir work opriate ome reasons ific material is ask way they can	<ul> <li>Discusses an design ideas</li> <li>Identifies sim they need to improve thei make work</li> <li>Suggests a w improve thei</li> <li>Explains simp</li> </ul>	rials ole diagram ople pictorial ate a model ons or labels on gs s using drawing on and on technology d explains their ople processes develop to r design or ay they can r product

	• Suggests where plants	grown in the UK and other	•	Discuss their work using	<ul> <li>Lists the materials an</li> </ul>	<ul> <li>Suggests what a product</li> </ul>	
	we eat are grown	countries		appropriate vocabulary	object is made from	is for and who might use	
	Identifies some main	<ul> <li>Recognises that food can</li> </ul>	•	Describes the effect of	<ul> <li>Suggests what a product</li> </ul>	it	
	food groups	be purchased or grown at		turning an object on/off	is for and who might use		
	• Suggests three healthy	home	•	Compares their	it		
	snacks			completed work simply			
				against the original			
				design criteria when			
				evaluating their product			
Assessment	Steps 3 & 4	Steps 3 & 4		Steps 3 & 4	Steps 3 & 4	Steps 3 & 4	Steps 3 & 4

22/23								DT							
Торіс		Cooking & Nutrition Evaluating & Testing					Cre	eative, Techr Evaluating	ical & Practical & Testing		Designing & Making Evaluating & Testing				
Who/When		Foxes	Autumn 1		Foxes	Autumn 2	Foxes	Spring 1	Foxes	Spring 2	Foxes	Summer 1	Foxes	Summer 2	
Skills	•	they may r following a Peels or cu variety of r Recognises standard u measure w Recognises abbreviatio metric unit mass/capa Identifies s they can av spreading of germs Adds toppi garnish to Makes a he	a recipe its using a methods s some nits used to veight s the cons for ts of city simple ways void or catching ings or their foods	•	from a rang needed in a Measures u of numerica equipment support Describes t	uipment er) bols which ngerous me health rules for preparing e ingredients e of foods recipe sing a range al measuring with some he taste, and texture of	<ul> <li>Scores card k</li> <li>Identifies son techniques for common too</li> <li>Identifies dif of joining ma</li> <li>Suggests when to saw in a st</li> <li>Holds a saw in Saws with 1:</li> <li>Puts tools aw</li> <li>Identifies too could be dan</li> <li>Chooses differ which are ge appropriate for Draws lines a straight edge</li> <li>Justifies their design from a ideas</li> </ul>	me or using ferent ways aterials y they need traight line correctly 1 support vay safely ols which gerous erent joins nerally to task along a	<ul> <li>Follows instruct make a simple m</li> <li>Describes what mechanism doe</li> <li>Explains how the lever works</li> <li>Makes objects m wheels, axes and construction kits</li> <li>Employs a simple mechanism in the product</li> <li>Explain how the simple mechanianismin the simple mechanismin the simple mechanismin the simple mechanismin the simple mechanismin the simple mechanismin the simple me</li></ul>	nechanism a simple s eg lifts ey think a nove using d/or s le heir ey think a sm works t in a vice	techniques working wi materials Communic their art an as it develo Demonstra of tools wh their produ Combines of kits with ot Considers t appearance product Follows ins when using	th a range of ates about ad design work ops tes safe use ten making uct construction ther material the final e of their tructions g tools components in n product	<ul> <li>designs</li> <li>Investigate: products as</li> <li>Creates a m part or all of</li> <li>Designs or using know previous w</li> <li>Describe w like/dislike object/proof</li> <li>Gives reaso are used fo purposes</li> <li>States how when evalue</li> </ul>	ork hat they about an duct ns why materials	

	adheres to a specific	<ul> <li>Plans and makes a</li> </ul>	<ul> <li>Explains how and why</li> </ul>	<ul> <li>Evaluates a product</li> </ul>	<ul> <li>Compares their end</li> </ul>	Gives simple examples of
	element	healthy packed lunch	they would change or	against simple given	product with their	how the uses for a material
	• Taste tests a variety of	<ul> <li>Arranges food</li> </ul>	improve a specific area of	criteria	design criteria	have changed over time
	unusual fruit and	attractively on a plate	their product	<ul> <li>Suggests alternative</li> </ul>	<ul> <li>Suggests some ways they</li> </ul>	
	vegetables	• Suggests why the correct		materials for an object to	could improve a specific	
	<ul> <li>Recognises that a</li> </ul>	amount of a range of		be made from	area of their own design	
	balanced diet helps us	food helps humans			work	
	remain healthy	remain healthy			<ul> <li>Explains why the</li> </ul>	
	• Lists where they would				properties of a material	
	source the food used in				is suitable or unsuitable	
	a meal				for a purpose	
Assessment	Steps 5 & 6	Steps 5 & 6	Steps 5 & 6	Steps 5 & 6	Steps 5 & 6	Steps 5 & 6

22/23		DT											
Торіс	Cooking & Nutrition Evaluating & Testing				Creative, Technical & Practical Evaluating & Testing				Designing & Making Evaluating & Testing				
Who/When	Badgers	Autumn 1	Badgers	Autumn 2	Badgers	Spring 1	Badgers	Spring 2	Badgers	Summer 1		Badgers	Summer 2
Skills	<ul> <li>Lists ways foo preserved and preserve food</li> <li>Recognises the imperial meating weight and care</li> <li>Outlines how food safely</li> <li>Lists simple root help stop the germs</li> <li>Prepares a ration simple food in Recognises differed</li> </ul>	d why we d e common sures for apacity to store outines to spread of nge of ngredients fferent ombine to	<ul> <li>Measures and ingredients ap Lists the range they used wh and cooking t</li> <li>Relates know hygiene to pro cooking food</li> <li>Sources a reci- something th- cook which in given techniq</li> <li>Recognises the appearance of important</li> <li>Recognises the and other cor</li> </ul>	opropriately e of skills en preparing heir recipes ledge of food eparing and pe for ey wish to volves a ue at the f food is	<ul> <li>that acco goals</li> <li>Includes a to operat</li> <li>Includes a in their p</li> <li>Recognise mechanic</li> <li>Suggests to use in to fulfil a requirem</li> <li>Changes</li> </ul>	simple circuits roduct es simple al systems a mechanism their product specific ent rection using	<ul> <li>Identifies what items stable or</li> <li>Selects tools re- their functional</li> <li>Marks the posit screws or nails tool</li> <li>Includes the use construction me where appropri</li> <li>Aids the finish of product using s</li> <li>Joins using a low temperature gli</li> <li>Joins materials temporary/perif fastenings</li> </ul>	stronger alting to lity tion for using a e of simple aterials iate of their andpaper w ue gun using	fit the a of their Measur and cut accurac Refers t or plan Works of the pro making Selects relating functio	es, marks out s with some of their design whilst making out the order of cess when their product materials to their hality strates ues which are	•	product Communicatideas Gathers info the needs of particular gr individual to design Designs a pr used in diffe Produces de using a rang Creates real which are su	ormation about r wants of a roup or o aid their roduct to be erent contexts etailed plans ge of techniques istic designs uitable to task esign criteria

	<ul> <li>Recognises that some foods are imported and exported</li> <li>Makes simple dishes using a hob</li> <li>Peels/grates safely</li> <li>Describes how they could change their recipe to suit someone with specific tastes, cultural needs/diet</li> <li>Makes comparisons between the costs of</li> </ul>	<ul> <li>when and where food is grown or reared</li> <li>Designs a meal within a specific budget</li> <li>Prepares and cooks a savoury and a sweet dish</li> <li>Confidently follows a recipe</li> <li>Evaluates the food they have prepared or cooked, giving reasons why it did or did not end up as planned</li> </ul>	•	Identifies how to strengthen, stiffen or reinforce a range of materials and applies this to different materials Tests their product Considers the visual impact of the finished product Outlines how modifications for	<ul> <li>Makes holes accurately</li> <li>Describes linear motion</li> <li>Joins a range of materials eg slotting movements</li> <li>Drills two pieces of material together</li> <li>Uses machine tools safely and accurately under supervision</li> <li>Describes how improvements suggested by others would improve</li> </ul>	•	Suggests ways to proceed when problems occur Makes modifications as work is in progress Assembles materials in accordance with plans Tests their product Explains the reasons why modifications were made Researches some of	•	attention to atheistic and function of a product Investigates and analyses a range of products using key words to describe their findings Suggests reasons why or how a designer generated an original idea which improved an existing model
	<ul> <li>Recognises that an overall diet affects the health of a person</li> </ul>	<ul> <li>Suggests ways to recycle food</li> <li>Organises a plate to show appropriate portions for each food group</li> </ul>		improvements suggested by others could be implemented and how they would improve their product	<ul> <li>their final product</li> <li>Outlines the effect of modifications that were made during the making process</li> </ul>	•	the great designers in different areas of study Comments on the effectiveness of their product when evaluating their ideas and products		
Assessment	Steps 7 & 8	Steps 7 & 8		Steps 7 & 8	Steps 7 & 8		Steps 7 & 8		Steps 7 & 8