St. Augustine's Primary School – Whole School Design and Technology Overview

Yea	ar Group/Topic	Design and Make	Evaluate	Technical Knowledge	Nutrition and Cooking
EYFS	Autumn	Nursery Uses various construction materials. Realises tools can be used for a purpose. Select tools and techniques needed to shape, assemble and join materials they are using. Reception Explore different materials freely, to develop their ideas about how to use them and what to make.	N/A	N/A	Nursery and Reception – daily snack time
		Key words scissors, materials, make, glue, cut, tools Bold for new words. Not bold for previous words.	Reception builds upon skills learnt in nursery. Foundations for: All topics throughout the school. EYFS are the building blocks for DT.		
	Spring	- Make imaginative and complex 'small worlds' with blocks and construction kits, such as a city with different buildings and a park Explore different materials freely, to develop their ideas about how to use them and what to make. Reception: • Explore a range of media and materials in creative work.	N/A	N/A	Nursery and Reception – daily snack time
		Key words scissors, materials, make, glue, cut, tools Bold for new words. Not bold for previous words.	Reception builds upon skills learnt in nursery. Foundations for: All topics throughout the school. EYFS are the building blocks for DT		
	Summer				
		Nursery - Explore different materials freely, to develop their ideas about how to use them and what to make. - Make imaginative and complex 'small worlds' with blocks and	Reception: • Share creations, explaining the process they have used.	Reception: • Share creations, explaining the process they have used.	Nursery and Reception – daily snack time

		construction kits, such as a city with different buildings and a park Reception Safely use and explore a variety of materials, tools and techniques, experimenting with colour, design, texture, form and function Key words Scissors, materials, make, glue, cut, tools, colour,	Reception b in nursery.	uilds upon skills learnt			
		design	•	roughout the school.			
		Bold for new words. Not bold for previous words.	EYFS are the	e building blocks for DT			
Year 1	Autumn Dips and Dippers	-design products that have a purpose and are aimed at an intended user -explain how their products will look and work through talking and simple annotated drawings -understand and follow simple design criteria -work in a range of relevant contexts, for example imaginary, story-based, home, school and the wider environmentwith support, follow a simple plan or recipe -begin to select from a range of hand tools and equipment, such as scissors, graters, zesters, safe knives, juicer -select from a range of materials, textiles and components according to their characteristics -learn to use hand tools and kitchen equipment safely and appropriately and learn to follow hygiene procedures -use a range of materials and components, including textiles and food ingredients -assemble, join and combine materials, components or ingredients -cut, peel and grate ingredients, including measuring and weighing ingredients using measuring cups	mainly through and simple writ -explain positiv existing produc -talk about thei are making -as they work, s possible chang their existing de	es and things to improve for ts r design ideas and what they start to identify strengths and es they might make to refine esign products and ideas against sign criteria	NA		-explain where in the world different foods originate from -name and sort foods into the five groups in the Eatwell Guide -understand that everyone should eat at least five portions of fruit and vegetables every day and start to explain why -use what they know about the Eatwell Guide to design and prepare dishes
	Dips and Dippers	Key Vocabulary: varied diet, equipment, likes and dislikes, de prepare, balance, healthy, product, appealin slice, mix, chop, peel, grate. Bold for new words. Not bold for previous words.		Links: Builds on – Snack around healthy food in Foundation for – Sensa Edible Garden – Year 3 The Great Bread Bake (Super Seasonal Food –	EYFS tional Salads – Year 1 Off – Year 4	Adaptat	ions made -

Spring Fabric Bunting	-design models using simple computing software -plan and test ideas using templates and mock-ups -work in a range of relevant contexts, for example imaginary, story-based, home, school and the wider environmentselect from a range of materials, textiles and components according to their characteristics -learn to use hand tools and kitchen equipment safely and appropriately and learn to follow hygiene procedures -cut, shape and score materials with some accuracy -demonstrate how to cut, shape and join fabric to make a simple product -use a basic running stich	products madiscussions, simple writted rexplain postimprove for a state about the strengths and they might nexisting design.	comparisons and en evaluations itives and things to existing products heir design ideas and re making rk, start to identify and possible changes make to refine their ign eir products and ideas is simple design criteria	NA		NA
Fabric Bunting	Key Vocabulary: Fabric, material, technique, stitch, yarn: la corduroy, denim, satin, silk, cotton, fur, ve ribbon and wool felt fabric, binca fabric, b buttons, ribbon, wool, embroidery thread large metal darning needles, scissors, smal glue. Bold for new words. Not bold for previous words.	elvet, velour, eads, sequins, s, plastic/	Links: Builds on – Junk of materials in EYFS. Foundation for – Year 2 Year 3 – Lets go Fly a K Year 6 – Felt Phone Cas	ite	Adaptat	ions made -
Summer Sensational Salads	-with support, follow a simple plan or recipe -begin to select from a range of hand tools and equipment, such as scissors, graters, zesters, safe knives, juicer -learn to use hand tools and kitchen equipment safely and appropriately and learn to follow hygiene procedures -assemble, join and combine materials, components or ingredients	products madiscussions, simple writter-explain pos	l evaluate existing inly through comparisons and en evaluations itives and things to existing products	NA		-explain where in the world different foods originate from -understand that all food comes from plants or animals -understand that food has to be farmed, grown elsewhere (e.g. home) or caught -name and sort foods into the five groups in the Eatwell Guide -understand that everyone should eat at least five portions of fruit and vegetables every day and start to explain why

	-cut, peel and grate ingredients, including measuring and weighing ingredients using measuring cups			-use what they know about the Eatwell Guide to design and prepar dishes
Sensational Salads	Key Vocabulary: Healthy, varied, diet, recipe, measuring spoons, zesters, juicers, prepare, grown. Bold for new words. Not bold for previous words.	Links: Builds on – Dips and Dippers – Autumn EYFS – Snack time and talks around healthy eating Foundation for – Edible Garden – Year 3 The Great Bread Bake Off – Year 4 Super Seasonal Food – Year 5 Global Food – Year 6	Adapta	tions made -

Year 2	Autumn Pirate Paddy's Packed Lunch Problems	-use their knowledge of existing products and their own experience to help generate their ideas -design products that have a purpose and are aimed at an intended user -understand and follow simple design criteria -work in a range of relevant contexts, for example imaginary, story-based, home, school and the wider environment -begin to select from a range of hand tools and equipment, such as scissors, graters, zesters, safe knives, juicer -select from a range of materials, textiles and components according to their characteristics - learn to use hand tools and kitchen equipment safely and appropriately and learn to follow hygiene procedures -cut, shape and score materials with some accuracy -assemble, join and combine materials, components or ingredients -demonstrate how to cut, shape and join fabric to make a simple product -manipulate fabrics in simple ways to create the desired effect; -use a basic running stich	products madiscussions, simple writted explain possimprove for explore what are made from the existing designation and their extensions of the explored with their extensions of the existing designations of their extensions of	comparisons and en evaluations itives and things to existing products at materials products om k, start to identify d possible changes nake to refine their ign eir products and ideas a simple design criteria erstand that the cess sometimes eating different stages	-build simple structures, exploring how they can be stronger, stiffer and more talk about and start to understand the simple we characteristics of material components	e stable; orking	NA
	Pirate Paddy's Packed Lunch Problems	Key Vocabulary: design criteria, stronger, stiffer, stable positive, negatives, evaluate, problem compartments, materials, cardboard, glass Bold for new words. Not bold for previous words.	n, product,	Links: Builds on - EYFS Foundation for - Year Structures and Year	5 Marbulous	Adaptat	ions made -

Spring Fabric Faces	-explain how their products will look and work through talking and simple annotated drawings -plan and test ideas using templates and mock-ups -understand and follow simple design criteria -begin to select from a range of hand tools and equipment, such as scissors, graters, zesters, safe knives, juicer -select from a range of materials, textiles and components according to their characteristics; - learn to use hand tools and kitchen equipment safely and appropriately and learn to follow hygiene procedures -cut, shape and score materials with some accuracy -assemble, join and combine materials, components or ingredients -demonstrate how to cut, shape and join fabric to make a simple product -manipulate fabrics in simple ways to create the desired effect; -use a basic running stich	products madiscussions, simple writted explain postimprove for explore what are made from the explore work strengths and the explored work strengths and the explored work work strengths and the explored work work work work work work work work	comparisons and en evaluations itives and things to existing products at materials products om k, start to identify d possible changes nake to refine their ign	-talk about and start to understand the simple w characteristics of materia components	als and	NA
Fabric Faces	Key Vocabulary: Bold for new words. Fabric, design, join, stitch, sew, madesign criteria Not bold for previous words.	terials,	Links: Builds on – Year : Foundation for – Felt P		Auaptat	ions made -

N P	Aguing	-use their knowledge of existing products and their own experience to help generate their ideas -design products that have a purpose and are aimed at an intended user -explain how their products will look and work through talking and simple annotated drawings -understand and follow simple design criteria -work in a range of relevant contexts, for example imaginary, story-based, home, school and the wider environment -with support, follow a simple plan or recipe -begin to select from a range of hand tools and equipment, such as scissors, graters, zesters, safe knives, juicer -select from a range of materials, textiles and components according to their characteristics -use a range of materials and components, including textiles and food ingredients -assemble, join and combine materials, components or ingredients	products madiscussions, simple writterexplain posimprove for exall about the what they are as they worstrengths and they might mexisting desirevaluate the	comparisons and en evaluations itives and things to existing products heir design ideas and e making ek, start to identify and possible changes make to refine their	-talk about and start to understand the simple w characteristics of materia components -explore and create procusing mechanisms, such levers, sliders and whee	als and ducts n as ls	ions made -
	Moving Pictures	Key Vocabulary: Bold for new words. Moving pictures, product, design, mechanism, evaluate, slider, whee Not bold for previous words.		Foundation for –		Auaptat	ions made -

Edible Garden	with growing confidence, carefully select from a range of tools and equipment, explaining their choices learn to use a range of tools and equipment safely, appropriately and accurately and learn to follow hygiene procedures;		 start to know when, where and how food is grown (such as herbs, tomatoes and strawberries) in the UK, Europe and the wider world; understand how to prepare and cook a variety of predominantly savoury dishes safely and hygienically; with support, use a heat source to cook ingredients showing awareness of the need to control the temperature of the hob and/or oven; use a range of techniques such as mashing, whisking, crushing, grating, cutting, kneading and baking; explain that a healthy diet is made up of a variety and balance of different food and drink, as represented in the Eatwell Guide and be able to apply these principles when planning and cooking dishes; understand that to be active and healthy, nutritious food and drink are needed to provide energy for the body; prepare ingredients using appropriate cooking utensils; measure and weigh ingredients to the nearest gram and millilitre; start to independently follow a recipe; start to understand seasonality.

Edible	Key Vocabulary:	Links: Builds on – Sensat	ion salads and dips	Adaptations made -
Garden	eatwell plate, ingredients, utensils,	and dippers (year 1)	·	
	hygienically, balanced meal, yield produce, seasonality, temperature, hob.	Foundation for – Year 4	– The Great British	
	Bold for new words.	Bake Off	ada.	
	Not bold for previous words.	Year 5 – Sensational Sala Year 6 – Global Foods	ads	
Let's Go Fly A	identify the design features of expl	ore and evaluate existing	understand that max	terials N/A
Kite	their products that will appeal to intended customers; use their knowledge of a broad range of existing products to help generate their ideas; use annotated sketches and cross-sectional drawings to develop and communicate their ideas develop and follow simple design criteria with growing confidence, carefully select from a range of tools and equipment, explaining their choices; select from a range of materials and components according to their functional properties and aesthetic qualities; use a wider range of materials and components, including construction materials and kits,	lucts, explaining the purpose lee product and whether it is gned well to meet the nded purpose; ore what materials/ingredients lucts are made from and gest reasons for this; sider their design criteria as make progress and are ng to alter their plans, etimes considering the views there if this helps them to rove their product; uate their product against original design criteria; uate the key events, including nological developments, and gns of individuals in design technology that have helped one the world	 understand that that have both functional properties and aestly qualities; apply their understate of how to strengther stiffen and reinforce complex structures order to create more characteristics of present the properties of the present that the properties and aestly qualities; 	hetic anding n, e more in e useful
	textiles and mechanical and electrical components • join textiles with an appropriate sewing technique;			
Let's Go Fly A Kite	Key Vocabulary: Saws, scissors, frame structures, design criteria, materials, joining, strengthen, stiffen, measure, cut. Bold for new words. Not bold for previous words.	Links: Builds on — Paddy 2 Foundation for — Marbulous Structures - Yea Automata Animals - Year 6	r 5	Adaptations made -

Mechanical Posters	 identify the design features of their products that will appeal to intended customers; use their knowledge of a broad range of existing products to help generate their ideas; design innovative and appealing products that have a clear purpose and are aimed at a specific user; explain how particular parts of their products work; use annotated sketches and cross-sectional drawings to develop and communicate their ideas; when designing, explore different initial ideas before coming up with a final design; when planning, start to explain their choice of materials and components including function and aesthetics; test ideas out through using prototypes; develop and follow simple design criteria; work in a broader range of relevant contexts, for example entertainment, the home, school, leisure, food industry and the wider environment with growing confidence, carefully select from a range of tools and equipment, explaining their choices; select from a range of materials and components according to their functional properties and aesthetic 	 explore and evaluate existing products, explaining the purpose of the product and whether it is designed well to meet the intended purpose consider their design criteria as they make progress and are willing to alter their plans, sometimes considering the views of others if this helps them to improve their product; evaluate their product against their original design criteria; 	 understand and demonstrate how mechanical and electrical systems have an input and output process; explain how mechanical systems such as levers and linkages create movement; use mechanical systems in their products. 	

properties and aesthetic qualities

	Mechanical	 learn to use a range of tools and equipment safely, appropriately and accurately and learn to follow hygiene procedures; use a wider range of materials and components, including construction materials and kits, textiles and mechanical and electrical components cut, shape and score materials with some degree of accuracy; assemble, join and combine material and components with some degree of accuracy begin to select and use different and appropriate finishing techniques to improve the appearance of a product such as hemming, tie-dye, fabric paints and digital graphics Key Vocabulary:		Links: Builds on – Movi	ng Pictures – Year 2		
	Posters	Lever, linkage mechanisms, prototyp mechanical systems, annotated of design criteria, Evaluate, improve, r systems Bold for new words. Not bold for previous words.	design,	Let's Go Fly a Kite – Yea Foundation for – Batter Year 4		Adaptat	ions made -
Year 4	The Great Bread Bake Off	 use annotated sketches and cross-sectional drawings to develop and communicate their ideas; when designing, explore different initial ideas before coming up with a final design; develop and follow simple design criteria; work in a broader range of relevant contexts, for example 	produ of the desig inten explo produ sugg consi they willin	ore and evaluate existing oucts, explaining the purpose of product and whether it is graded well to meet the ded purpose; ore what materials/ingredients oucts are made from and est reasons for this; ider their design criteria as make progress and are g to alter their plans, etimes considering the views	n/a		 understand how to prepare and cook a variety of predominantly savoury dishes safely and hygienically use a range of techniques such as mashing, whisking, crushing, grating, cutting, kneading and baking;

	entertainment, the home, school, leisure, food industry and the wider environment • with growing confidence, carefully select from a range of tools and equipment, explaining their choices; • learn to use a range of tools and equipment safely, appropriately and accurately and learn to follow hygiene procedures • cut, shape and score materials with some degree of accuracy	of others if this helps them to improve their product; • evaluate their product against their original design criteria	 measure and weigh ingredients to the nearest gram and millilitre; start to independently follow a recipe;
The Great Bread Bake Off	Key Vocabulary: Bread production designing, making ar evaluating, ingredients, kneading, equipments, weighing scales, sieves, mixing Bowls, Measuring spoons, measuring Jugs, Oven gloves, cooling racks. Bold for new words. Not bold for previous words.	Year 1 – dips and dippers and sensational salads. Year 3 – edible garden Foundation for – Year 5 – Seasonal Salads Year 6 – Global Food	ations made -
Battery Operated Lights	 design innovative and appealing products that have a clear purpose and are aimed at a specific user; use annotated sketches and cross-sectional drawings to develop and communicate their ideas; develop and follow simple design criteria; work in a broader range of relevant contexts, for example entertainment, the home, school, leisure, food industry and the wider environment with growing confidence, carefully select from a range of tools and equipment, explaining their choices; select from a range of materials and components according to their functional properties and aesthetic qualities learn to use a range of tools and equipment safely, appropriately 	 evaluate their product against their original design criteria; evaluate the key events, including technological developments, and designs of individuals in design and technology that have helped shape the world. make and represent simple electrical circuits, such as a series and parallel, and components to create functional products; 	N/A

Battery Operated Lights	and accurately and learn to follow hygiene procedures; • use a wider range of materials and components, including construction materials and kits, textiles and mechanical and electrical components • assemble, join and combine material and components with some degree of accuracy Key Vocabulary: electrical systems, electric circuits, become operated light, switch. Design criteria, final product, parallel circuit, bulb. Facesthetic, functional qualities, cross diagram Bold for new words. Not bold for previous words.	evaluation, aults,	electronic systems their products [for elight, sound and mooutputs] apply computing embed intelligence inputs [for example, actual)	pre advanced electrical and can be powered and used in example, circuits with heat, ovement as inputs and g and use electronics to in products that respond to , sensors], and control outputs tors], using programmable ample, microcontrollers].	Adaptat	ions made -
Juggling Balls:	 identify the design features of their products that will appeal to intended customers; use their knowledge of a broad range of existing products to help generate their ideas; design innovative and appealing products that have a clear purpose and are aimed at a specific user; when designing, explore different initial ideas before coming up with a final design test ideas out through using prototypes 	as the are wi somet views them t	der their design criteria by make progress and lling to alter their plans, times considering the of others if this helps to improve their product; ate their product against original design criteria	N/A		N/A

Juggling Balls:	digital graphics Key Vocabulary: Evaluating, design brief, hemming and overcast stitch, tie-dye and fabric paints, hem, stitch, Analyse, test, Bold for new words.	Links: Builds on — Fabric Bunting — Year 1 Fabric Faces — Year 2 Foundation for — Year 6 — Felt Phone Cases	Adaptations made -
	carefully select from a range of tools and equipment, explaining their choices; • select from a range of materials and components according to their functional properties and aesthetic qualities • learn to use a range of tools and equipment safely, appropriately and accurately and learn to follow hygiene procedures; • Use a wider range of materials and components, including construction materials and kits, textiles and mechanical and electrical components • join textiles with an appropriate sewing technique; • begin to select and use different and appropriate finishing techniques to improve the appearance of a product such as hemming, tie-dye, fabric paints and		
	 work in a broader range of relevant contexts, for example entertainment, the home, school, leisure, food industry and the wider environment with growing confidence, 		

		Not bold for previous words.			
Year 5	Super Seasonal Food	use annotated sketches, cross-sectional drawings and exploded diagrams (possibly including computer-aided design) to develop and communicate their ideas	evaluate their ideas and products against the original design criteria, making changes as needed design criteria, making changes as needed	N/A	 know, explain and give examples of food that is grown (such as pears, wheat and potatoes), reared (such as poultry and cattle) and caught (such as fish) in the UK, Europe and the wider world; understand about seasonality, how this may affect the food availability and plan recipes according to seasonality; understand that food is processed into ingredients that can be eaten or used in cooking; demonstrate how to prepare and cook a variety of predominantly savoury dishes safely and hygienically including, where appropriate, the use of a heat source; demonstrate how to use a range of cooking techniques, such as griddling, grilling, frying and boiling; explain that foods contain different substances, such as protein, that are needed for health and be able to apply these principles when planning and preparing dishes; adapt and refine recipes by adding or substituting one or more ingredients to change the appearance, taste, texture and aroma; alter methods, cooking times and/or temperatures; measure accurately and calculate ratios of ingredients to scale up or down from a recipe;
	Super Seasonal Food	Key Vocabulary Seasonality, spring, summer, autumn, winter, imported, ripe, sustainable. Seasonal, reared, caught, processed. asparagus, kale, spinach, radishes, rocket, Jersey Royal new potatoes, spring onions, taste, texture, smell, blanch, fry, grill, griddle, chop, slice, peel, grate,	Links: Builds on: Year 1 – Dips and Dippers Sensational Salads Year 3 – Edible Garden Year 4 – The Great Bread Bake Off Foundations for:	Adaptions:	

Marbulous Structures	balanced, protein, eat well plate. Design criteria, specification, annotated diagram, generate, refine. with growing confidence, select from a wide range of tools and equipment, explaining their choices; select from a range of materials and components according to	complete detailed competitor analysis of other products on the market; critically evaluate the quality of design, manufacture and fitness for purpose of products as they	apply their understanding of how to strengthen, stiffen and reinforce more complex structures in order to create more useful characteristics of products	n/a
	their functional properties and aesthetic qualities • learn to use a range of tools and equipment safely and appropriately and learn to follow hygiene procedures • use a full range of materials and components, including construction materials and kits, textiles, and mechanical components; • cut a range of materials with precision and accuracy; • shape and score materials with precision and accuracy; • assemble, join and combine materials and components with accuracy	design and make; evaluate their ideas and products against the original design criteria, making changes as needed.		
Marbulous Structures	Free standing, structure, support, stiffen, sturdy, stable, reposition, strengthen, reinforce. accurate, join, shape, cut aesthetics, tools, equipment, functional Bend, skills, tools, equipment, cut, shape, join. Existing, product. iterative process. Test, evaluate, design criteria, improve.	Links: Builds on — Year 2 — Paddy's pack lunch Year 2 — Moving pictures Year 3 — Lets Go Fly A kite Year 4 — Juggling Balls Foundation for — Automata Animals — year 6	Adaptations made -	

	Bold for new words.				
	Not bold for previous words.				
Programing Adventures	use research to inform and develop detailed design criteria to inform the design of innovative, functional and appealing products that are fit for purpose and aimed at a target market design products that have a clear purpose and indicate the design features of their products that will appeal to the intended user use annotated sketches, cross-sectional drawings and exploded diagrams (possibly including computer-aided design) to develop and communicate their ideas select from a range of materials and components according to their functional properties and aesthetic qualities learn to use a range of tools and equipment safely and appropriately and learn to follow hygiene procedures shape and score materials with precision and accuracy	 critically evaluate the quality of design, manufacture and fitness for purpose of products as they design and make; evaluate their ideas and products against the original design criteria, making changes as needed. 	that mechanic systems have process and of apply their un computing to	output output	N/A
Key Vocabular	•	Links: Builds on –			
	bee –bot, input, output	Foundation for – Automata Anima	als Year 6	Adaptations r	nade -
	maps, obstacles, squares, start and finish, materials,				
	cotton, silk, felt, cardboard,				
	le wrap, plastic design criteria,				
	materials, plan, evaluate, revise,				
Bold for new v					
Not bold for pr	revious words.				

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Year 6	Animals	 use research to inform and develop detailed design criteria to inform the design of innovative, functional and appealing products that are fit for purpose and aimed at a target market; explain how particular parts of their products work use annotated sketches, cross-sectional drawings and exploded diagrams (possibly including computer-aided design) to develop and communicate their ideas work in a broad range of relevant contexts, for example conservation, the home, school, leisure, culture, enterprise, industry and the wider environment independently plan by suggesting what to do next; with growing confidence, select from a wide range of tools and equipment, explaining their choices; select from a range of materials and components according to their functional properties and aesthetic qualities; learn to use a range of tools and equipment safely and appropriately and learn to follow procedures; independently take exact measurements and mark out, to within 1 millimetre; use a full range of materials and components, including construction materials and kits, textiles, and mechanical components; 	 critically evaluate the quality of design, manufacture and fitness for purpose of products as they design and make; evaluate their ideas and products against the original design criteria, making changes as needed. 	explain how mechanical systems, such as cams, create movement and use mechanical systems in their products The products of the product	N/A

	cut a range of materials with precision and accuracy;			
Automata Animals	Key Vocabulary: Endangered, vulnerable, appearance, habitat, research, design brief, Cam, follower, mechanism, components, mechanical systems, rotary, linear, convert, motion. guide, , , , dwell, snail, egg shaped, eccentric, ellipse, hexagon, round, off centre, offset. Design criteria, functional, aesthetic, design features, innovative, research, finished, quality materials, framework, construction, finish, join, cut, saw, square section wood, hacksaw, vice, corner joints, framework, measure, accurately, smooth, finish, notch. mount, framework, finish, join, cut, saw, prototype, evaluate, peer, feedback, off centre, axle, shaft. Bold for new words. Not bold for previous words.	Links: Builds on – Foundation for – Felt Phone Cases Year 6 KS3	Adaptations made – Anderson shelters created linked to History topic and Remembrance Day	
Global Food	learn to use a range of tools and equipment safely and appropriately and learn to follow hygiene procedures			 know, explain and give examples of food that is grown (such as pears, wheat and potatoes), reared (such as poultry and cattle) and caught (such as fish) in the UK Europe and the wider world; understand about seasonality, how this may affect the food availability and plan recipes according to seasonality; demonstrate how to prepare and cook a variety of predominantly savoury dishes safely and hygienically including, where appropriate, the use of a heat source; demonstrate how to use a range of cooking techniques, such as griddling, grilling, frying and boiling;

				explain that foods contain different substances, such as protein, that are needed for health and be able to apply these principles when planning and preparing dishes measure accurately and calculate ratios of ingredients to scale up or down from a recipe; independently follow a recipe.
	Key Vocabulary Ingredient, climate, taste, prepare, sensory, world, global, flourish. Diet, food groups, eat well plate, protein, dairy, carbohydrates, starchy fruit, fat, vegetables. Rice, boil, hob, heat source, recipe, staple, eat well plate, storage, handling, nutritional, benefits and measure Chinese, skills, techniques, basic, advanced, bake, crack, dice, chop, peel, grate, slice, roll, hygiene. Mexican, skills, techniques, basic, fry, grate, dice, chop, slice, hygiene, salsa, guacamole, quesadillas. Pretzel, knead, bake, recipe, equipment, ingredients, technique. Bold for new words. Not bold for previous words.	 Vear 1 – Dips and Dippers Sensational Salads Year 3 – Edible Garden Year 4 – The Great Bread Bake Off Year 5 – Super Seasonal Food War 5 – Super Seasonal Food Independent of the principles of nutrition and health cook a repertoire of predominantly savoury dishes so that they are able to feed themselves and others a healthy and varied diet become competent in a range of cooking techniques [for example, selecting and preparing ingredients; using utensils and electrical equipment; applying heat in different ways; using awareness of taste, texture and smell to decide how to season dishes and combine ingredients; adapting and using their own recipes] understand the source, seasonality and characteristics of a broad range of ingredients 	Adaptations made -	NA NA
Felt Phone Cases	use research to inform and develop detailed design criteria to inform the design of innovative, functional and appealing products that are	critically evaluate the quality of design, manufacture and fitness for purpose of products as they design and make;	n/a	n/a

a ta desi clea the proof the use cros and (pos com dev thei gen idea com inde sug sele mat acco prop qua crea a gu Pra tech Lea and app follo shai	riget market ign products that have a ar purpose and indicate design features of their ducts that will appeal to intended user annotated sketches, ss-sectional drawings a exploded diagrams ssibly including inputer-aided design) to elop and communicate r ideas; ierate a range of design as and clearly immunicate final designs expendently plan by gesting what to do next ext from a range of ierials and components ording to their functional perties and aesthetic dities; ate step-by-step plans as uide to making; ctical skills and iniques irn to use a range of tools a equipment safely and irropriately and learn to ow hygiene procedures pe and score materials a precision and accuracy; inonstrate how to assure, make a seam wance, tape, pin, cut, pe and join fabric with	their ideas and against the original riteria, making as needed.		
dem mea allow shale pred com join varie back	nonstrate how to asure, make a seam wance, tape, pin, cut,			
	Links: Builds on Year 2- Fabric Fabrication. Links: Builds on Year 2- Fabric Fabrication. Year 3 – Lets go	aces	aptations made -	

		Year 4 – Juggling Balls	
	Innovative, annotate, design process.		
	Pattern, template, precisely , accurately, scale, measurements, millimetre , centimetre .		
	Prototype, whipstitch, backstitch, running stitch, blanket stitch		
	Plan, fastenings, decoration, felt, design process. Fastenings, decoration, felt, design criteria, evaluate Bold for new words.		
1	Not bold for previous words.		