Design and Technology Overview

National Curriculum Coverage, Progression in Skills and Knowledge and Supporting Resources/Schemes of Work

EYFS

	3 & 4-year-olds will be learning to:	Children in Reception will be learning to:	ELG
Expressive Art and Design	 Explore different materials freely, in order to develop their ideas about how to use them and what to make. Develop their own ideas and then decide which materials to use to express them. Join different materials and explore different textures. Create closed shapes with continuous lines, and begin to use these shapes to represent objects. Draw with increasing complexity and detail, such as representing a face with a circle and including details. Use drawing to represent ideas like movement or loud noises. Explore colour and colour mixing. Show different emotions in their drawings – happiness, sadness, fear etc. 	 Explore, use and refine a variety of artistic effects to express their ideas and feelings. Return to and build on their previous learning, refining ideas and developing their ability to represent them. Create collaboratively, sharing ideas, resources and skills. 	Creating with Materials Safely use and explore a variety of materials, tools and techniques, experimenting with colour, design, texture, form and function. Share their creations, explaining the process they have used. Make use of props and materials when role playing characters in narratives and stories.

Theme	National Curriculum	Progression in Skills	Disciplinary Knowledge	Substantive knowledge			Drivers & 50 things	British Values & Protective	Schemes/ Resources/
				Key Questions	Key Facts	Key Vocab		Characteristics	Texts
Autumn	Pupils to design purposeful,	Developing, planning and	Research:	What are sliders and	A slider moves in a	Slider	Skipton castle		Projects on a
Castles	functional, appealing products for themselves and other users based on design criteria.	Draw on their own experience to help	Children will explore existing cards to establish the purpose (why people send them	Why do we send/give people cards?	linear motion. A bridge secures the slider and controls its movement	Lever Motion Pivot Curved	trip		Page The design and technology
Sliders and Levers	Pupils will generate, develop, model and communicate their ideas through talking, drawing, templates,	generate ideas Suggest ideas and explain	to each other). Technical Knowledge:	How can we make parts of our designs	A lever moves in a curved motion	Curveu			association
Making moving cards	mock-ups and, where appropriate, information and communication technology.	what they are going to do Model their ideas in card	Children will practise creating mechanisms for their cards.	move?	A lever moves on a pivot				King Leonard's Teddy by Phoebe Swan
Cooking a Royal feast (Look and Cook Primary School Programme)	Pupils to select from and use a range of tools and equipment to perform practical tasks [for example, cutting, shaping, joining and finishing]. They will select from and use a wide range of materials and components, including construction materials,	and paper Working with tools, equipment, materials and components to make quality products	Design: Children will consider the purpose of their own card and incorporate this into their design. Make:		Some reasons we give cards are for special occasions (e.g. Christmas, birthdays, Valentines etc.), to congratulate someone or to say get well soon.				The Worst Princess by Anna Kemp

	textiles and ingredients, according to their characteristics. Pupils will explore and evaluate a range of existing products. They will evaluate their ideas and products against design criteria.	Make their design using appropriate techniques With help measure, mark out, cut and shape a range of materials Use tools e.g. scissors and a hole punch safely Assemble, join and combine materials and components together using a variety of temporary methods e.g. glues or masking tape Use simple finishing techniques to improve the appearance of their product. Evaluate their product by discussing how well it works in relation to the purpose Evaluate their products as they are developed, identifying strengths and	Children will use cutting and joining techniques to create their card. Evaluation: Children will evaluate their product based on how well the mechanism works and how visually appealing their card is.	side to side. In reality, s	nat sliders are simple and diders can have various and and down) or diagonal m	pplications, including		
Oracy opportunities	Evaluations of existing products and th	possible changes they might make ne products the children crea	ate					
for Autumn term								
Spring	Pupils to design purposeful, functional, appealing products for	Developing, planning and communicating ideas.	Research: Children will eat a variety	What are fruit and vegetables?	A fruit is a food that grows on plants and	Fruit Vegetable	Gardening in the school garden,	Plastic planet
Eco -warriors	themselves and other users based on design criteria.	Suggest ideas and explain what they are going to	of fruit and evaluate them based on taste and texture	Why do we need to eat healthily?	has a seed. A vegetable is a food	Kebab Healthy Taste	lessons in the outside classroom	The design and technology association
Fruit Kebabs	Pupils will generate, develop, model and communicate their ideas through talking, drawing, templates, mock-ups and, where appropriate, information and communication technology.	Model their ideas in card and paper Working with tools,	Technical Knowledge: Children will learn the difference between fruit and vegetables and why we should eat healthily	What is a kebab? How can we describe different tastes? (e.g. sweet, sour etc.)	that grows on plants but doesn't have seeds Eating healthily supports people to	Texture Safety Peeling Sour Bitter Crunchy	Careers/ Aspirations week STEM visit Eatwell plate –	Projects on a Page
Making a healthy meal (Look and Cook Primary School Programme)	Pupils to select from and use a range of tools and equipment to perform practical tasks [for example, cutting, shaping, joining and finishing]. They will select from and use a wide range of materials and components, including construction materials,	equipment, materials and components to make quality products (incfood) Make their design using appropriate techniques	Design: Children to be allowed a limited number of choices for their kebab and will choose from a range (giving reasons)	How can we describe different textures? (hard, soft, crunchy etc.)	Foods have different tastes Foods have different textures	Slimy	nutrition lessons	

		T		T			<u>, </u>	1
	textiles and ingredients, according to their characteristics. Pupils will explore and evaluate a range of existing products. They will evaluate their ideas and products against design criteria. To use the basic principles of a healthy and varied diet to prepare dishes To understand where food comes from	With help measure, mark out, cut and shape a range of materials Use tools e.g. scissors and a hole punch safely Assemble, join and combine materials and components together using a variety of temporary methods e.g. glues or masking tape Select and use appropriate fruit and vegetables, processes and tools Evaluate their product by discussing how well it works in relation to the purpose Evaluate their product by asking questions about what they have made and how they have gone about it.	Make: Children to cut, peel and skewer their ingredients. Evaluate: Children evaluate their kebabs on taste, texture, visual appeal (e.g. pattern), how easy it was to make and how healthy it is.	taste without even tryin Children may think that recipes. In D&T food goo	ent, wrong assumptions and it. preparing food in D&T is less beyond cooking. It enaited the state of the sta	only about cooking bles children to		
Oracy	Discussion-		<u> </u>				I I	<u> </u>
opportunities	Why is it important to be healthy?							
for spring term	Describing foods based on different cr	iteria						
Summer	Pupils to design purposeful,	Developing, planning and	Research:	What is a structure?	A structure is a	Structure	Indian food-	The design and
	functional, appealing products for	communicating ideas.	Children to explore	NA/In a to all a sign	building or frame	Freestanding	cooking with	technology
Incredible India	themselves and other users based on design criteria.	Suggest ideas and explain	different structures and how they stand on their	What does freestanding mean?	made from more than	Balance Secure	parents	association
	on design criteria.	what they are going to	own	incestanding means	one part	Base	50 things: Have a	Projects on a
Freestanding	Pupils will generate, develop, model	do		Why do we need	The taller a structure	Join	picnic	Page
Structures	and communicate their ideas		Technical knowledge:	structures to be	is the more likely it is	Materials		
	through talking, drawing, templates,	Working with tools,	Children to practise	freestanding?	to fall over			
	mock-ups and, where appropriate, information and communication	equipment, materials and components to make	techniques for joining and making structures	Why is it important for	A wider base makes a			
Indian Building	technology.	quality products (inc-	more secure (including	structures to be	structure balance			Augustus and his
		food)	different materials)	secure?	easier			Smile by
	Pupils to select from and use a range							Catherine Rayner
	of tools and equipment to perform practical tasks [for example, cutting,	Make their design using	Design:	How can we make	Parts of a structure			
	shaping, joining and finishing].	appropriate techniques	Children to design their chair considering	structures stronger, stiffer, more secure?	can be joined in different ways			
Cooking Indian		With help measure, mark	materials, shapes and					
food	They will select from and use a wide	out, cut and shape a	joining techniques					
	range of materials and components,	range of materials						

(Look and Cook	including construction materials,		Make:	Possible Misconceptions:	
	_	Use tools or seissors and	Children to make and	i ossibie imisconceptions.	
Primary School	textiles and ingredients, according to	_			
Programme)	their characteristics.	a hole punch safely	test their products	Children may think that freestanding structures are inherently stable	
				without considering how to make them sturdy.	
	Pupils will explore and evaluate a	Select and use	Evaluate:		
	range of existing products. They will	appropriate fruit and	Children to evaluate their		
	evaluate their ideas and products	vegetables, processes	chairs based on how well		
	against design criteria.	and tools	balance and secure they		
			are		
		Use simple finishing			
		techniques to improve			
		the appearance of their			
		product.			
		product.			
		Evaluate their product by			
		T			
		asking questions about			
		what they have made			
		and how they have gone			
		about it.			
Oracy	Discussion-				
opportunities	What makes our structures stronger?				
for summer	Choosing materials and joining technic	ques giving reasons			
term					
term					

Theme	National Curriculum	Progression in Skills	Disciplinary Knowledge	Substantive knowledge			Drivers & 50 things	British Values & Protective	Schemes/ Resources/
				Key Questions	Key Facts	Key Vocab		Characteristics	Texts
Autumn The History of Flight	When designing and making, pupils should be taught to: Design purposeful, functional, appealing products for themselves	Develop their design ideas through discussion, observation, drawing and modelling	Research: Children to learn about where seeds and oats come from	What is a flapjack? What is a seed bar? Where do seeds come	Seeds come from the inside of flowers and fruits. Oats are the edible seed	Hygiene Safety Ingredients Seeds Oats Golden syrup	Pilot Visit- aspirations	Sex: Amelia Earhart -female pilot	DT Association Projects on a Page
Preparing Healthy Food Healthy snack - Flap jacks and seed bars	and other users based on design criteria Generate, develop, model and communicate their ideas through talking, drawing, templates, mockups and, where appropriate, information and communication technology Select from and use a range of tools	Identify a purpose for what they intend to design and make Identify simple design criteria Make simple drawings and label parts Begin to select tools and	Technical knowledge: Children will learn kitchen safety and hygiene (washing hands, hair, clothes etc.) Design: Children to choose from a range of ingredients based on taste, texture, health etc)	from? Where do oats come from? What is a recipe? How can we cook and prepare flapjacks/seed bars?	of oat grass The word flapjack is believed to come from flipping or flapping a cake on a griddle pan. Seeds are a good source of protein	Butter Brown sugar			Emma Jane's Aeroplane I am Amelia Earhart Taking Flight: How Wright Brothers Conquered the Skies
	and equipment to perform practical tasks [for example, cutting, shaping, joining and finishing] Explore and evaluate a range of existing products	materials; use vocab to name and describe them Measure, cut and score with some accuracy	Make: Children to make a flapjack and a seed bar	How can we be safe and hygienic while cooking/handling food?	Eating seeds everyday helps to keep your body healthy				Whoever heard of a flying bird

Preparing a healthy meal for a pilot (Look and Cook Primary School Programme)	Evaluate their ideas and products against design criteria Technical knowledge To use the basic principles of a healthy and varied diet to prepare dishes To understand where food comes from	Use hand tools safely and appropriately Evaluate against their design criteria Evaluate their products as they are developed, identifying strengths and possible changes they might make Follow safe procedures for food safety and hygiene Choose and use appropriate finishing techniques	Evaluation: Children to evaluate and compare their seed bars and flapjack based on taste, texture, nutrition, ease of creation, visual appeal and decide which they prefer	Possible Misconception All fruit grows on tress All seeds are edible	is:			Cherry Blossom and Paper Planes
Oracy opportunities for Autumn Term	Discussion- Why is it important to be healthy? Describing foods based on different or	riteria	I					
Spring My Country My City	When designing and making, pupils should be taught to: Design purposeful, functional, appealing products for themselves	Cut, shape and join fabric to make a simple garment. Use basic sewing techniques	Research: Children to learn about how puppets are used for different performances	What are puppets? What are puppets made out of?	The head and hands of a hand puppet can be made of materials that are either solid or flexible.	Puppet Felt Plastic Thread Paper	Pantomime experience in Alhambra theatre	DT Association Seeds of friendship Invisible
Making hand puppets	and other users based on design criteria Generate, develop, model and	Generate ideas by drawing on their own and other people's experiences	(Shadow, hand, string) Technical knowledge: Children to practise using	Which materials can be used to make puppets?	Hand puppets usually have no legs; when they do have legs, these	Card Stitch Staple Tape	Mini pantomime in class using puppets	All Through the Night
Yorkshire Puddings (Look and Cook Primary School Programme)	communicate their ideas through talking, drawing, templates, mockups and, where appropriate, information and communication technology Select from and use a range of tools and equipment to perform practical	Develop their design ideas through discussion, observation, drawing and modelling Identify a purpose for what they intend to design and make	different joining techniques to join fabric together Design: Children to design their product based on the performance they will be doing (identify the types	How can puppets be moved? How can we join fabric together?	hang limply without being controlled. We can join materials together using staples, safety pins, glue, tape, stitching (running stitch)	Stick	made by students Careers/ Aspirations week STEM visit.	Small Mouse, Big Clty Beegu Fabric Threads

	Joining and finishing] Select from and use a wide range of materials and components, including construction materials, textiles and ingredients, according to their characteristics Explore and evaluate a range of existing products Evaluate their ideas and products against design criteria Technical knowledge	Identify simple design criteria Make simple drawings and label parts Evaluate against their design criteria Evaluate their products as they are developed, identifying strengths and possible changes they might make Talk about their ideas, saying what they like and dislike about them	used) Make: Children to make their puppets Evaluate: Children to evaluate their puppets based on appearance and quality of joins	Hand puppets are worn for the neck and the thu	and puppets with glove pup over the hand, typically us imb and middle finger for t and, are worn like gloves a	ing the index finger he arms. Glove			
Oracy opportunities	Mini Pantomime using puppets made	by students							
Summer	When designing and making, pupils should be taught to:	Generate ideas by drawing on their own and other people's	Technical Knowledge: Children to learn how wheel and axle	What is a wheel? What is an axle?	A windmill is a structure with a wheel mechanism that creates	Wheel Axle Windmill	Seaside trip to Filey	Age: David Attenborough	DT Association Projects on a Page
The Great British Seaside	Design purposeful, functional, appealing products for themselves and other users based on design criteria	experiences Develop their design ideas through discussion,	mechanisms work and have a go at making a simple version (wheels on a template)	What type of motion do they make?	energy by being spun around by wind. A wheel spins around an	Mechanism Energy Rotation Spin			Little Turtle and the
Wheels and Axles	Generate, develop, model and communicate their ideas through talking, drawing, templates, mock-	observation, drawing and modelling Assemble, join and combine materials and	Research: Children to explore the different ways the mechanisms are used for	What products/structures use wheel and axle mechanisms?	axle in a rotary motion (round and round). A windmill has blades that get pushed by wind				The Storm Whale
Windmills	ups and, where appropriate, information and communication technology Select from and use a range of tools	components together using a variety of temporary methods e.g. glues or masking tape	different purposes (e.g. vehicles, tools) including a specific focus on windmills	What are windmills used for?	that get pushed by white				The Big Book of The Blue One World
		10	1	I	I	Ī			Dolphin Boy

	Evaluate their ideas and products against design criteria Technical knowledge Build structures, exploring how they can be made stronger, stiffer and more stable Explore and use mechanisms [for example, levers, sliders, wheels and axles], in their products.	Assemble, join and combine materials in order to make a product Identify a purpose for what they intend to design and make Identify simple design criteria Make simple drawings and label parts Evaluate their product by discussing how well it works in relation to the purpose Evaluate their products as they are developed, identifying strengths and possible changes they might make Evaluate their product by asking questions about what they have made	and where the mechanism will be Make: Children to make their windmills Evaluate: Children to evaluate their windmills based on how well the mechanism works (blow them and see if they spin)	Possible Misconceptions: Children may believe that fruit lollies are unhealthy due to their sweetness. Fruit lollies made with real fruit and natural yogurt can be a healthy treat.	
Oracy opportunities for Summer Term	Evaluations of products Reasons for choosing materials	1	1		

Theme	National Curriculum	Progression in Skills	S Disciplinary Substantive kno Knowledge	Substantive knowledge			O British Values & Protective	Schemes/ Resources/
			Miowicage	Key Questions	Key Facts	Key Vocab		Texts
Autumn	Generate, develop, model and communicate their ideas through	Explore, develop and communicate design	Research: Children to conduct	How does a lever work?	Bridges are used to control the motion	Linkage Input		DT Association
Stone Age	discussion, annotated sketches, cross-sectional and exploded	proposals by modelling ideas	"market research" by interviewing a younger	How do levers and linkages work together?	of a mechanism	Output		Projects on a Page
Levers and Linkages	diagrams, prototypes, pattern pieces and computer-aided design	Select tools and techniques for making	year group about their interests (using existing examples as a prompt)	What are the best levers to use?	A lever mechanism can have multiple			The First Drawing
Page for a pop-	Select from and use a wider range of	their product	Technical Knowledge:	What are the best	pivots			Low food mile food
up book	tools and equipment to perform practical tasks [for example, cutting,	Think about their ideas as they make progress	Children to practise creating different	linkages to use?				

	,								
	shaping, joining and finishing],	and be willing change	examples of lever	Possible Misconceptions					
	accurately	things if this helps them	mechanisms	Some students believe th	at levers are straightfor	ward and only involve a			
		improve their work		single pivot point.					
			Design:						
Croots a mass.	Evaluate their ideas and products	Evaluate their product	Children to design their						
Create a meal	against their own design criteria and	against original design	page with a clear theme						
with low food	consider the	criteria e.g. how well it	and showing the moving						
miles	views of others to improve their	meets its intended	parts with arrows						
(Look and Cook	work	purpose	parts with arrows						
Primary School	WOTK	purpose	Make:						
Programme)	To test, evaluate and refine their	Demonstrate hygienic	Children to make their						
Trogramme		, -							
	ideas and products against a	food preparation and	pages						
	specification, taking into account the	storage	E al air						
	views of intended users and other		Evaluate:						
	interested groups		Children to evaluate their						
	To understand and apply the		product based on how						
	principles of a healthy and varied		well the mechanism						
	diet		works and how likely a						
			child would be to want to						
	To prepare and cook a variety of		read the story						
	predominantly savoury dishes using								
	a range of cooking techniques								
	To understand seasonality, and								
	know where and how a variety of								
	ingredients are grown, reared,								
	caught and processed								
Oraci	Questions for younger children			<u> </u>					1
Oracy	Evaluating their products								
opportunities	Lvaluating their products								
for Autumn									
term						<u></u>			
Spring	Use research and develop design	Identify a purpose and	Research:	What is a badge?	A badge is a small		50 things –		Once Upon a
	criteria to inform the design of	establish criteria for a	Children to look at		piece of metal or	Badge	learn to sew		Snowstorm
Here, There	innovative, functional, appealing	successful product.	different examples of	What different types of	fabric with a design	2D	on a button		
and	products that are fit for purpose,	·	badges (What they are	stitch can we use?	on it	3D			Felt
	aimed at particular individuals or	Make drawings with	made out of, how are			Needle	Careers/		
Everywhere	groups	labels when designing	they joined, what	What materials would	They are used for	Running	Aspirations		Pins
			meaning do they have?)	work well for a badge?	uniforms to show	Back Stitch Cross	week STEM		Needles
2D to 3D	Generate, develop, model and	Select tools and	as they haver,		membership of a	Stitch	visit		
	communicate their ideas through	techniques for making	Technical Knowledge:	How do we begin and	group		1.5.0		Examples of
	discussion, annotated sketches,	their product	Children to practise three	-	D. 00h				different fabrics
	cross-sectional and exploded	their product	types of stitches	misir a stiteri;	We can use running				anicicii iabiles
Radges	•	Massura mark out out	1		1				Threads
Badges	diagrams, prototypes, pattern pieces	Measure, mark out, cut,	(running, back and cross)		stitch, back stitch				illeaus
	and	score and assemble	Design		and cross stitch to				
	computer-aided design	components with more	Design:		join materials				
	Colon Connection (Colon Colon	accuracy	Children to design their		together				
	Select from and use a wider range of		badge (identify the stitch						
Creating a	tools and equipment to perform	Work safely and	used with a reason and		Each type of stitch				
balanced meal	practical tasks [for example, cutting,	accurately with a range	consider the meaning		has advantages and				
(Look and Cook	shaping, joining and finishing],	of simple tools			disadvantages				
'	accurately		Make:						
Primary School		Measure, tape or pin, cut	Children to make their		The eye of the				
Programme)	Select from and use a wider range of	and join fabric with some	badges		needle is the place				
	materials and components,	accuracy			we push our thread				
	including construction materials,		Evaluate:		through to join it				
	textiles and ingredients, according	Evaluate their product			- '				
			i .	i .	i .		i .	l .	i .

	to their functional properties and aesthetic qualities Investigate and analyse a range of existing products Evaluate their ideas and products against their own design criteria and consider the views of others to improve their work	against original design criteria e.g. how well it meets its intended purpose	Children to evaluate their product based on accuracy of stitch, how secure it is and appearance	Possible Misconceptions Children assume that stite In reality, stitching can be decorative stitches, embr designs.	ching is purely used to joe decorative! Students sl	nould explore		
Oracy	Evaluations							
opportunities								
for spring term		Τ	T .	Γ	1	1		
Summer	Use research and develop design	Generate ideas for an	Research:	What types of food are	Fajitas are a Mexican	Sandwich		DT Association
	criteria to inform the design of	item, considering its	Children to be provided	considered healthy?	dish consisting on	Pitta		Duningto and Dane
Greeks	innovative, functional, appealing	purpose and the user/s	with a range of	What are the different	ingredients encased	Tortilla Wrap Filling		Projects on a Page
	products that are fit for purpose, aimed at particular individuals or	Identify a purpose and	sandwiches using different recipes (mix of	What are the different food groups?	in a tortilla wrap	Protein Dairy		
Savoury dish	groups	establish criteria for a	wrap and pitta) and	1000 groups:	Pitta bread is a	Oils		feta
(cultural link)	0.000	successful product.	evaluate which they like	Why do we use bread to	healthy alternative	Fibre		
	Generate, develop, model and		and why	contain ingredients?	to sliced bread with	Nutrition		cucumber
	communicate their ideas through	Plan the order of their			more vitamins,			
	discussion, annotated sketches,	work before starting	Technical Knowledge:	Why are some	minerals and fibre			salad leaves
/	cross-sectional and exploded	Make drawings with	Children to learn about	ingredients suited to				
Fajitas/Pitta	diagrams, prototypes, pattern pieces	labels when designing	the different food groups	sandwiches more than	Food can be sorted			lemon juice
	and computer-aided design	Massura mark out out	and a balanced diet	others?	into the following			tamataas
	Select from and use a wider range of	Measure, mark out, cut, score and assemble	Children to learn cutting,	How do we prepare	groups: Fruit and Vegetables			tomatoes
	materials and components,	components with more	spreading and grating	ingredients for a	Carbohydrates			
	including construction	accuracy	techniques	sandwich?	Protein			
	materials, textiles and ingredients,		1		Diary			
	according to their functional	Work safely and	Design:		Spread and Oils			
Make a Creak	properties and aesthetic	accurately with a range	Children to design their					
Make a Greek	qualities	of simple tools	sandwich identifying the		A balanced diet			
salad			type of breads, the		consists of all the			
	Investigate and analyse a range of	Demonstrate hygienic	fillings and what		different groups but			
	existing products	food preparation and	technique they will need		too much of some			
		storage	for each one.		would be unhealthy			

(Look and Cook Primary School Programme)	To understand and apply the principles of a healthy and varied diet To prepare and cook a variety of predominantly savoury dishes using a range of cooking techniques To understand seasonality, and know where and how a variety of ingredients are grown, reared, caught and processed		Make: Children to make and eat their product Evaluate: Children to evaluate their product based on how secure it held the filling, taste, texture, appearance, how many food groups it uses, how healthy it is.	Possible Misconceptions: The base of all sandwiches is bread and butter. Students might also think sandwiches are limited to a specific style or filling. Children need to explore a range of different breads and spreads.		
Oracy opportunities for summer term	Describing the examples during resear Evaluations	rch				

Theme	National Curriculum	Progression in Skills	Disciplinary Knowledge	Substantive knowledge			Drivers & 50 things	British Values & Protective	Schemes/ Resources/
				Key Questions	Key Facts	Key Vocab		Characteristics	Texts
Autumn	Use research and develop design criteria to inform the design of	Generate ideas, considering the purposes	Technical Knowledge: Children to practise	What is a fastening?	Fasteners are used to close textile products	Purse Wallet			DT Association
Our Magical City	innovative, functional, appealing products that are fit for purpose, aimed at particular	for which they are designing	attaching a fastener to a piece of fabric	What types of fastening are there?	Types of fastening include velcro, zips, buttons	Fastener Velcro Zip			Projects on a Page
Product with a fastening	individuals or groups Generate, develop, model and	Make labelled drawings from different views showing specific features	Research: Children to explore a range of existing	What is the purpose of a purse/wallet?	People usually keep money and cards in	Button Fashionable Secure			
	communicate their ideas through discussion, annotated	Develop a clear idea of	bags/purses/wallets and identify how they are	What materials would we use for	their purses/wallets				Fruit
Bags/Purses/ Wallets	sketches, cross-sectional and exploded diagrams, prototypes, pattern pieces and	what has to be done, planning how to use materials, equipment	fastened and why someone would want to buy it	the product?	They need to be secure so money doesn't fall out				Blender Milk
	computer-aided design Select from and use a wider range	and processes, and suggesting alternative methods of making, if	Design: Children to design their		Purses and wallets are also seen as fashion				Yoghurt
	of materials and components, including construction materials,	the first attempts fail	bags, identifying materials, patterns and		items so people want them to look attractive				Flour
	textiles and ingredients, according	Use simple graphical	what fastener they will use and why. Also,						Eggs

Smoothies and	to their functional properties and	communication	identify the intended	Possible Misconception	ons:			Butter
cupcakes	aesthetic	techniques	customer					
(Look and Cook				_	e that all fastenings serve t	the same purpose, but		Sugar
Primary School	To select from and use a wider	Sew using a range of	Make:	each type has specific	applications			
Programme)	range of tools and equipment to	different stitches, weave	Children to make their					Bun cases
	perform practical tasks [for	and knit	purse/wallet					
	example, cutting, shaping, joining	lain and annihina	Final makes					
	and finishing], accurately	Join and combine	Evaluate:					
		materials and	Children to evaluate					
	To understand and apply the	components accurately in temporary and	their bags based on visual appeal, how					
	principles of a healthy and varied	permanent ways	secure they are, how					
	diet	permanent ways	well the fastener works					
	To prepare and cook a variety of	Measure, tape or pin, cut	well the lastener works					
	predominantly savoury dishes using	and join fabric with some						
	a range of cooking techniques	accuracy						
	To understand seasonality, and	accuracy						
	know where and how a variety of							
	ingredients are grown, reared,							
	caught and processed							
Oracy	Describing reasons for choosing exam	iple bags	L	L			I.	
opportunities	Evaluations							
for Autumn								
Term								
Spring	Select from and use a wider range	Generate ideas,	Research:	What is the purpose	An electric switch is	Conductor	Careers/	DT Association
- Fr8	of tools and equipment to perform	considering the purposes	Children to explore	of an electric switch?	used to control the flow	Insulator	Aspirations	
17 th Century	practical tasks [for example, cutting,	for which they are	different flashlights with		of an electric current.	Switch	week STEM visit	Projects on a
Britain	shaping, joining and finishing],	designing	different types of switch	Which materials		Wire		Page
Dittaili	accurately		(e.g. push to make,	should we use to	If the switch is allowing	Conceal		
Simple		Make labelled drawings	on/off, slider). Children	make our switch?	the current to flow, the	Current		
Simple	Select from and use a wider range	from different views	to explain how each		electric item will be on.	Battery		pizza bases
electrical	of materials and components,	showing specific features	works.	What different types		Cell		
components	including construction materials,			of switches are	If it is not allowing it to			apples
	textiles and ingredients, according	Develop a clear idea of	Technical Knowledge:	there?	flow, the electric item			
Torches	to their functional properties and	what has to be done,	Children to make and		will be off.			flour
	aesthetic qualities	planning how to use	attach a range of	How can we conceal				
	<u> </u>	materials, equipment	switches using different	our circuits?	To make a switch, we			sugar
Pizzas and	Investigate and analyse a range of	and processes, and	techniques/materials to		need to use materials			
apple crumble	existing products	suggesting alternative methods of making, if	see which will be	How do we make	which are conductors so			butter
(Look and Cook	Fundamenta the sin ideas and an advisor	the first attempts fail	effective (e.g. paper	sure our circuit is	that the electricity will			
Primary School	Evaluate their ideas and products	the mot attempts rail	clips, foil, split pins etc.)	safe?	pass through.			tomato puree
Programme)	against their own design criteria and consider the views of others to	Evaluate their work both	Design:					cheese
1	and consider the views of others to	=:	Design.	1	I		1	Lineese

	improve their work Understand and use electrical systems in their products [for example, series circuits incorporating switches, bulbs, buzzers and motors] To understand and apply the principles of a healthy and varied diet To prepare and cook a variety of	during and at the end of the assignment Evaluate products and identify criteria that can be used for their own designs	Children to design their flashlight, identifying where the electrical components will be and what type of switch. They will also create a circuit diagram to match. Make: Children to make their flashlights Evaluate:	_	electric circuits are all abou y. When a battery no longe	•		pizza toppings
	predominantly savoury dishes using a range of cooking techniques		Children to evaluate their products based on how well the circuit					
	To understand seasonality, and know where and how a variety of ingredients are grown, reared, caught and processed		works, how well it is attached/concealed					
Oracy opportunities for Spring Term								
Summer	Evaluate their ideas and products against their own design criteria	Make labelled drawings from different views	Research: Children to explore a	What is CAD?	Computer aided design can be used to make	Computer aided Packaging	Enterprise	DT Association
The Great Escape	and consider the views of others to improve their work.	showing specific features	range of existing packaging. They will	What are the benefits of using	products that are difficult to do by hand	Net Accurate Replicating		Projects on a Page
CAD	Understand how key events and	Develop a clear idea of what has to be done,	identify how it helps to sell the product and take	computers rather than creating by	CAD is useful for when	Hand-made		
Packaging Rusk biscuits (to	individuals in design and technology have helped shape the world.	planning how to use materials, equipment and processes, and	it apart to see what 2D nets it creates	hand? What is a 2D net?	we want to make more than one item because they will all look exactly			Escape from Pompeii
go inside the packaging made) (Look and Cook Primary School	Apply their understanding of computing to program, monitor and control their products	suggesting alternative methods of making, if the first attempts fail	Technical Knowledge: Children will use CAD to create some simple nets and turn them into a 3D	How does packaging for food help to sell a product?	the same 2D nets can be used to make packaging for 3D			Chariots & Champions
Programme)	To understand and apply the principles of a healthy and varied diet.	Select appropriate tools and techniques for making their product Measure, mark out, cut	shape Design: Children to design their product using the same		products Packaging is often bright and colourful to attract people's attention in shops			
		and shape a range of	CAD system thinking		attention in shops			

	To prepare and cook a variety of predominantly savoury dishes using a range of cooking techniques. To understand seasonality, and know where and how a variety of ingredients are grown, reared, caught and processed.	materials, using appropriate tools, equipment and techniques Join and combine materials and components accurately in temporary and permanent ways Evaluate their work both during and at the end of the assignment Evaluate their products carrying out appropriate tests	about colours, text and shapes Make/Evaluate: Children to assemble their nets and reproduce them multiple times Once done, they will present their product to the class (Dragon's Den style) and provide feedback	Possible Misconceptions: Students might think packaging design is solely about making products look attractive. Reality: Effective packaging considers functionality, protection, sustainability, and user experience. It's not just about visual appeal.	
Oracy opportunities for Summer Term	Pitching their product to an audience				

Theme	National Curriculum	Progression in Skills	Disciplinary Knowledge		Substantive knowledge		Drivers & 50 things	British Values & Protective	Schemes/ Resources/
			Miowicasc	Key Questions	Key Facts	Key Vocab	63	Characteristics	Texts
Autumn Adventures Bread Breads from around the world	When designing and making, pupils should be taught to: 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 Select from and use a wider range of tools and equipment to perform practical tasks [for example, cutting, shaping, joining and finishing], accurately 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	Generate ideas through brainstorming and identify a purpose for their product Draw up a specification for their design Develop a clear idea of what has to be done, planning how to use materials, equipment and processes, and suggesting alternative methods of making if the first attempts fail Select appropriate materials, tools and techniques	Research: Children to taste breads from around the world, identifying locations on a map and rating the breads based on taste, texture and visual appeal Technical knowledge Children to observe the effects of including/excluding a raising agent on bread and sort different breads by whether they are leavened or unleavened Design: Children to write the ingredients for a recipe	How is bread made? What are the ingredients? What makes the dough rise? Where do different breads come from?	Bread contains: Flour, Water, Salt Some breads also use a raising agent such as yeast Ingredients such as seeds, raisins, garlic, herbs etc can be included for taste Leavened bread contains yeast or another raising agents, examples include: Brioche, Sourdough, Wholemeal etc. Unleavened bread	Raising agent Bake Yeast Flour Salt Leavened Unleavened Knead Fermentation			DT Association Projects on a Page

	To understand and apply the principles of a healthy and varied diet To prepare and cook a variety of predominantly savoury dishes using a range of cooking techniques To understand seasonality, and know where and how a variety of ingredients are grown, reared, caught and processed	Use skills in using different tools and equipment safely and accurately Weigh and measure accurately (time, dry ingredients, liquids) Evaluate a product against the original design specification Evaluate it personally and seek evaluation from others Measure and mark out accurately	they will use including whether their bread will be leavened or unleavened. They can also consider shape and any visual aspects they can alter (e.g. carving pattern into a leavened dough) Make: Children to make their breads making sure to take part in the mixing, kneading and baking process Evaluate: Children to evaluate their breads based on texture, taste and visual appeal (leavened options can evaluate how well it has risen)	decorating the loaf. Reality: While aesthetics (ingredients, yeast, ferm Some students may ove Reality: Yeast is a living of	raising agent. Examples include: Naan, Tortilla, Flatbreads etc. When making bread, ingredients are mixed together, kneaded and left to rise. They are then baked. s: at bread-making is solely about the sentation is crucial for successory and the importance of years organism that ferments sugarses the dough to rise, resulting the sentation is crucial for successory and s	science behind bread ssful baking. t in bread-making. rs, producing carbon		
Oracy	Evaluations and describing the initial p	 roducts						
opportunities for Autumn								
term		Ι	T	T	T	1	T	
Spring	When designing and making, pupils should be taught to:	Generate ideas through brainstorming and	Children to explore a	What is a frame?	Frame structures are structures that use beams	Frame Reinforce	50 things: Bake a cake	DT Association
Beautiful Britain	Use research and develop design criteria to inform the design of	identify a purpose for their product	range of shell and frame structures and sort them into the correct	Why do we use frame structures?	and columns to support an outer shell	Triangulation Stability Temporary	Careers/ Aspirations	Projects on a Page
Frame Structures	innovative, functional, appealing products that are fit for purpose,	Draw up a specification for their design	category (explaining why)	What are the advantages of a frame	Triangular frames are the strongest shape because	Shell Waterproof	week STEM visit	Flour
Bird Hide	aimed at particular individuals or groups	Develop a clear idea of what has to be done,	Technical Knowledge: Children to practise	structure? Are all structures	weight is distributed evenly on the sides and angles	Windproof		Eggs Sugar
	Select from and use a wider range of tools and equipment to perform	planning how to use materials, equipment	different ways of linking joining straws	permanent?	Frame structures are			Icing sugar
Follow a recipe to bake a	practical tasks [for example, cutting, shaping, joining and finishing],	and processes, and suggesting alternative	Children to explore	What does a shelter have to provide?	used for power masts, cranes, climbing frames,			Jam
Victoria Sponge	accurately	methods of making if	which materials would	nave to provide:	tents and tipis			Jani
(Look and Cook	·	the first attempts fail	work well for a tent					Butter
Primary School	Apply their understanding of how to	Galactica and the	(waterproof, strong					
Programme)	strengthen, stiffen and reinforce more complex structures	Select appropriate materials, tools and techniques	enough to withstand wind)					
		1,755	Design:					

	Investigate and analyse a range of	Use skills in using	Children to design their	Possible Misconception				
	Investigate and analyse a range of existing products	different tools and	Children to design their frame structure		s: ne construction is solely abou	it aasthatics		
	existing products	equipment safely and	identifying materials,	· ·	ion involves creating a supp			
		accurately	joins and reasons for	1	t's like building the skeleton			
		accurately	choices	1	rries the building's weight. V	•		
		Cut and join with	Choices	features are added after		valis and other		
		accuracy to ensure a	Make:	reatures are added arter	wards			
		good-quality finish to	Children to make their					
		the product	frame structures					
		the product	Traine structures					
		Evaluate a product	Evaluate:					
		against the original	Children to test their					
		design specification	structures by pouring					
		design specimeation	over a small amount of					
		Evaluate it personally	water and blowing air					
		and seek evaluation	onto it					
		from others	Results will be used to					
			evaluate how successful					
		Measure and mark out	it is					
		accurately						
		,						
Oracy								
opportunities								
for spring term								
Summer	When designing and making, pupils	Generate ideas through	Research:	Are cushions just for	Cushions have a	Cushion		DT Association
	should be taught to:	brainstorming and	Children to research a	sitting on?	functional use or an	Tie-dye		
The Industrial	_	identify a purpose for	range of existing		aesthetic one	Pattern		Projects on a Page
Age	Investigate and analyse a range of	their product	cushions and describe	What materials work	(appearance)	Functional		
Age	existing products		their function	well for the stuffing of		Aesthetic		Thread
Combining	Select from and use a wider range of	Draw up a specification	(functional or aesthetic)	a cushion?	Soft materials are used	Casing		
Combining	materials and components, including	for their design			for stuffing to make the	Stuffing		Needles
Textiles with	construction materials, textiles and		Technical Knowledge:	What techniques can	cushion comfortable	Comfort		
Art	ingredients, according to their	Develop a clear idea of	Children to explore	be used to add		Shibori		Fabric
	functional properties and aesthetic	what has to be done,	some artists who have	decoration to a pillow?	Tie-dyeing is the process	Tritik		
Cushions covers	qualities	planning how to use	used tie-dyeing		of dyeing fabric by hand			
with tie-dye	1	materials, equipment	techniques and practise		in which patterns are			
	Understand how key events and	and processes, and	to decide on a pattern		created by folding,			
	individuals in design and technology	suggesting alternative	for their final product		twisting, crumpling, tying			
Rock cakes	have helped shape the world	methods of making if			with string before			
(Look and Cook		the first attempts fail	Children to explore a		applying the dye to the			
Primary School	Generate, develop, model and		range of materials to		fabric			
Programme)	communicate their ideas through	Select appropriate	use for their pillow and					
. rogramme,	discussion, annotated sketches,	materials, tools and	evaluate how useful		Cushions are stitched			
	cross-sectional and exploded	techniques	each would be for		together and need to be			
1	-		stuffing and casing		secure to make sure the			
	diagrams, prototypes, pattern pieces		1 -					
	diagrams, prototypes, pattern pieces and computer-aided design	Use skills in using			stuffing remains in place.			
	and computer-aided design	Use skills in using different tools and	Design:		stuffing remains in place.			

Orner	Evaluate their ideas and products against their own design criteria and consider the views of others to improve their work	equipment safely and accurately Cut and join with accuracy to ensure a good-quality finish to the product Use results of investigations, information sources, including ICT when developing design ideas Evaluate a product against the original design specification Evaluate it personally and seek evaluation from others	Children to design their product, identifying what stitch type, what materials and the pattern they will use Make: Children to make their cushions Evaluate: Children to evaluate their cushions based on visual appeal and functionality	Possible Misconceptions: Children may use the wrong fabric or not use enough dye. Children should be allowed to explore tie-dying a range of fabrics.		
Oracy opportunities for summer term	Evaluations					

Theme	National Curriculum	Progression in Skills	Disciplinary Knowledge		Substantive knowledge		Drivers & 50 things	British Values & Protective	Schemes/ Resources/
				Key Questions	Key Facts	Key Vocab		Characteristics	Texts
Autumn	Through a variety of creative and	Communicate their	Research:	What was an	Anderson shelters were a	Shelter			DT Association
	practical activities, pupils should be	ideas through detailed	Children to research	Anderson Shelter?	type of shelter people went	Sturdy			
Fighting Fit	taught the	labelled drawings	what Anderson shelters	What did they need	into during an air raid to	Corrugation			
	knowledge, understanding and skills		were used for, how	to provide?	keep safe.	Reinforce			
Sturdy	needed to engage in an iterative	Develop a design	they were made, and			Bombing			
Structures	process of designing and making.	specification	what materials were	What effect does	The government gave an				
Structures			used and why.	corrugating a	Anderson Shelter kit to				
Anderson	They should work in a range of	Explore, develop and		material have?	families who lived in areas				
	relevant contexts [for example, the	communicate aspects of	Technical Knowledge:		that were expected to be				
Shelters	home, school, leisure, culture,	their design proposals	Children to investigate	Can we make	bombed by German planes.				
	enterprise, industry and the wider	by modelling their ideas	the effect of	materials					
	environment].	in a variety of ways	corrugating material on	waterproof?	They were often made				
			how much weight it can		from corrugated metal				
Ration packs	When designing and making, pupils	Plan the order of their	carry	How can we	frames dug into the ground				
(Look and Cook	should be taught to:	work, choosing		reinforce our					
Primary School	Design use research and develop	appropriate materials,	Design:	structures?	They had to be very sturdy				
Programme)	design criteria to inform the design	tools and techniques	Children to design their		to withstand the impact of				
3,	of innovative, functional, appealing		shelters, identifying		nearby bombs				
	products that are fit for purpose,		materials, joining						

	aimed at particular individuals or	Select appropriate	techniques and		Corrugating a material		 	
	groups	tools, materials,	measurements		helps it to carry more			
	generate, develop, model and	components and			weight			
	communicate their ideas through	techniques	Make:					
	discussion, annotated sketches,		Children to make their					
	cross-sectional and exploded	Assemble components	shelters	Possible Misconception				
	diagrams, prototypes, pattern pieces	make working models		7	hat a structure needs to be he	,		
	and		Evaluate:		solely determined by weight. I			
	computer-aided design	Use tools safely and	Children to test their	•	forced concrete or steel, can c	_		
		accurately	shelters by applying	1	key lies in proper design, load	distribution, and		
	Select from and use a wider range of	Martin and access of	weight, shaking and	material selection				
	tools and equipment to perform	Weigh and measure	dropping objects.					
	practical tasks [for example, cutting,	accurately (time, dry	This will inform evaluations					
	shaping, joining and finishing],	ingredients, liquids)	evaluations					
	accurately	Apply the rules for basis						
	Select from and use a wider range of	Apply the rules for basic food hygiene and other						
	materials and components, including	safe practices e.g.						
	construction materials, textiles and	hazards relating to the						
	ingredients, according to their	use of ovens						
	functional properties and aesthetic	disc of overis						
	qualities							
	444							
	Apply their understanding of how to							
	strengthen, stiffen and reinforce							
	more complex structures							
	·							
	As part of their work with food,							
	pupils should be taught how to cook							
	and apply the principles of nutrition							
	and healthy eating.							
	Pupils should be taught to:							
	understand and apply the principles							
	of a healthy and varied diet							
	and and and and are							
	prepare and cook a variety of							
	predominantly savoury dishes using							
	a range of cooking techniques							
	techniques							
	understand seasonality, and know							
	where and how a variety of							
	ingredients are grown, reared,							
	caught and processed.							
Oracy	Evaluations		•					
opportunities								
for Autumn								

Term

Spring	Through a variety of creative and	Communicate their	Research:	Why do we need	Alarm systems are	Alarm	Careers/	DT Association
	practical activities, pupils should be	ideas through detailed	Children to explore	alarm systems?	designed to make a loud	Current	Aspirations	
ourneys	taught the knowledge,	labelled drawings	different types of alarm		noise when they are set off	Circuit	week STEM	Projects on a Page
	understanding and skills needed to		and what inputs cause	What causes alarms	to alert people of	Bulb	visit	
	engage in an iterative process of	Develop a design	them to go off (why is	to go off?	something	Buzzer		Rethink food
Electrical	designing and making. They should	specification	each appropriate for its	NAME OF THE PARTY	Market State Control			delivery
components	work in a range of relevant contexts	F. dans danslands	purpose?)	What types of	We can alter what input			
	[for example, the home, school,	Explore, develop and	Tankainal Kanadadan	switches can be used	causes an output in a			
Alarm system	leisure, culture, enterprise, industry	communicate aspects of	Technical Knowledge:	and why?	circuit by using a range of			
Harri System	and the wider environment	their design proposals	Children to explore the	Mhat is an innut and	different switches and			
	Hee received and develop design	by modelling their ideas	different types of	What is an input and	resistors.			
	Use research and develop design	in a variety of ways	switch and what inputs	an output?	Push to make switches			
	criteria to inform the design of	Plan the order of their	will cause an output					
	innovative, functional, appealing		(push to make, push to		complete a circuit when			
	products that are fit for purpose, aimed at particular individuals or	work, choosing	break, light dependent,		they are pressed but stop when released.			
	· ·	appropriate materials,	resistor)		when released.			
	groups	tools and techniques	Design:		Push to break switches			
		Select appropriate	Children to design their		complete a circuit when			
	Generate, develop, model and	tools, materials,	circuit, specifying their		they are pressed and			
	communicate their ideas through	components and	components and what		released.			
	discussion, annotated sketches,	techniques	input with set off their		ו בובמטבע.			
	cross-sectional and exploded	cconniques	alarm		Light dependent resistors			
	diagrams, prototypes, pattern pieces	Assemble components			allow current to flow			
	and computer-aided design	make working models	Make:		through them when there			
		make working models	Children to make their		is an input of enough light.			
	Understand and use electrical systems in their products [for example, series circuits incorporating	Use tools safely and	alarm systems		is an input of chough light.			
		accurately	diariii systems	Possible Misconception	inc.	J.	1	
		ample, series circuits incorporating	Evaluate:		that any component can be u	sed interchangeably		
	switches, bulbs, buzzers and motors]		Children evaluate their	in a circuit.	that any component can be a	sea interentingeably		
			alarm systems based on		nents serve specific purposes.	Resistors, capacitors.		
	Select from and use a wider range of		how effective it was	· ·	have distinct functions. Unde	· · · · · · · · · · · · · · · · · · ·		
	materials and components, including		(e.g. did the output	is crucial for designing		and the second s		
	construction materials, textiles and		occur at the right time?)					
	ingredients, according to their			Students may overlook	the importance of proper wir	ing.		
	functional properties and aesthetic				sures efficient current flow. Co	_		
	qualities			_	tions. Faulty wiring can lead to			
	Evaluate their ideas and products			inefficient performanc				
	against their own design criteria and			·				
	consider the views of others to							
	improve their work							
	·							
Oracy	Evaluations	l	1	l			1	
opportunities								
for Spring Term								
Summer	Use research and develop design	Communicate their	Research:	Where does our food	A lasagne is an Italian dish	Lasagne	50 things:	DT Association
	criteria to inform the design of	ideas through detailed	Children to taste a	come from?	dating back to the middle	Savoury	Help a local	
Back to Our	innovative, functional, appealing	labelled drawings	range of lasagnes and		ages	Food mile	charity	Projects on a Page
Roots	products that are fit for purpose,		evaluate them based on	Why can't we get it		Seasonality Climate		
	1	1	1	all from the UK?	I	Import	1	

Term									
for Summer									
opportunities									
Oracy	Evaluations and presentations								
		the product							
		good-quality finish to							
		accuracy to ensure a							
		Cut and join with							
	and processed.		audience.						
	caught and processed.	improved	their dish to an	condition may not drink that the ox exports any root					
	ingredients are grown, reared,	product could be	They will then present	Children may not think that the UK exports any food					
	understand seasonality, and know where and how a variety of	original criteria and suggest ways that their	and appearance	are imported					
	understand seasonality, and lens	Evaluate against their	on taste, healthiness,	All of our food comes from the UK – children may not consider that foods					
	techniques	Fredricks and to take t	their final lasagne based		All of our food comes from the LIK shildren men not consider that foods				
	a range of cooking	drawings with labels	Children to evaluate	Possible Misconceptions:					
	predominantly savoury dishes using	evaluations using	Evaluate:						
	prepare and cook a variety of	Record their			country to our own.				
			lasagne		distance from the origin				
	of a healthy and varied diet	appropriate tests	Children to make their		our diets. It is based on the				
	understand and apply the principles	carrying out	Make:		the ingredients we use in				
	Pupils should be taught to:	development, and			environmental impact of				
		and areas for	impact of the meal)		measuring the				
	and healthy eating.	identifying strengths	and the environmental		Food miles is a way of				
	and apply the principles of nutrition	Evaluate their products,	etc. (include food miles		•				
	pupils should be taught how to cook		vegetarian, healthiness		other places in the world				
	As part of their work with food,	accurately	such as whether it's	nave on the world.	so they are imported from				
Programme)	Improve their work	Use tools safely and	lasagne including details	have on the world?	UK because of our climate				
Primary School Programme)	improve their work	tools and teeninques	Children to design their	exporting ingredients	be grown/produced in the				
Primary School	consider the views of others to	tools and techniques	Design:	importing and	Lots of ingredients cannot				
(Look and Cook	Evaluate their ideas and products against their own design criteria and	work, choosing appropriate materials,	grown in the UK	What impact does	recipes.				
Cook	Evaluate their ideas and products	Plan the order of their	why they may not be	What are food miles?	have used them in the				
Ready Steady	existing products	Dlan the and a City	recipe come from and	Milestana fi alla di Colonia	means that they couldn't				
	Investigate and analyse a range of	in a variety of ways	ingredients from a	mean?	known to Europeans. This				
	l	by modelling their ideas	by finding out where	What does savoury	time, tomatoes were not				
	discussion and annotated sketches.	their design proposals	concept of seasonality		thirteenth century. At that				
(======================================	communicate their ideas through	communicate aspects of	Children to explore the	UK?	known are dated from the				
(Lasagne)	Generate, develop, model and	Explore, develop and	Technical Knowledge:	popular dish in the	The earliest lasagne recipes				
Savoury Meal				Why is lasagne a					
Seasonality	groups	specification	healthiness and flavour.		vegetarian dish	Environment			
Culture and	aimed at particular individuals or	Develop a design	taste, appearance,	What is a lasagne?	Lasagne was originally a	Export			