Design and Technology LTP 2023-2024	Autumn I	Autumn 2	Spring I	Spring 2	Summer 1	Summer 2
Nursery	Me and My community	Once Upon a Time Textiles: Design and construct a peg doll 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. Add materials to foam dolls to create a character from a traditional tale. Cut and stick a range of materials onto their foam doll.	Build it up	Dangerous dinosaurs Construction: Salt dough fossils 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. Use plaster cast and press fossils into the cast to harden. Set and paint.	Big Wide World	Creep, crawl and wriggle Food: Fruit Salad Explore the differences between fruits and vegetables using their senses (taste, texture, smell etc). Children select from a range of fruits to create a fresh fruit salad.
Reception	Me and My community	Once Upon a Time Textiles: Design and construct a peg doll 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. Use wooden peg dolls, wrap material around to make a 3D	Build it up	Dangerous dinosaurs Construction: Salt dough fossils 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. Create salt dough, mould the	Big Wide World	Creep, crawl and wriggle Food: Soup Explore the differences between fruits and vegetables using their senses (taste, texture, smell etc.). They listen to the story 'The best pumpkin soup' and discuss the key ingredients the characters used before developing a class-based vegetable soup recipe.
Year I Chaffinch	Life at the Beach – Local History	peg doll. Growing and Changing (Childhood, life as a child in the past) Textiles: Puppets design purposeful, functional, appealing products for themselves and other users based on design criteria select from and use a wide range of materials and components, including construction materials,	Local Studies: Our School and Local Area	fossils, set and paint. Local Studies: Our School and Local Area Mechanisms; Create a moving story book select from and use a range of tools and equipment to perform practical tasks [for example, cutting, shaping, joining and finishing. explore and use mechanisms [for example, levers, sliders, wheels and axles] in their products	Famous for more than 5 minutes	The seven continents Food: Prepare a healthy school lunch use the basic principles of a healthy and varied diet to prepare dishes understand where food comes from

		textiles and ingredients,				
		according to their				
		characteristics				
	Then and Now: Changes in	Toys through time	Building Locational	Climate Detectives: Extreme	The Great Fire of London	My Local Area and Tulum,
	Technology	logs adough talle	knowledge: UK	Weather	The Grew The Dr Lormon	Mexico
Year 2 Kingfisher	1224wwgg	Textiles: Pouches	kriowieuge . OK	vieuxier		MEXICO
				Mechanics: Create a		Food: A balanced diet
		Make a pouch				
				moving windmill		Make a healthy wrap
		design purposeful,		Design and assemble a		
		functional, appealing		functioning windmill		understand and apply the
		products for themselves		using.		principles of a healthy and
		and other users based on		design purposeful,		varied diet
		design criteria		functional, appealing		understand seasonality and
		select from and use a wide		products for themselves		know where and how a
		range of materials and		and other users based on		variety of ingredients are
		components, including		design criteria		grown, reared, caught and
		construction materials,		· ·		processed
		textiles and ingredients,		select from and use a		'
		according to their		wide range of materials		select products based on a
		characteristics		and components, including		knowledge of healthy diets.
		23 044 24 24 24 24 24 24 24 24 24 24 24 24 2		construction materials,		Understand the importance of a
				textiles and ingredients,		varied and balanced diet and
				according to their		food groups.
				characteristics		
	Ancient Greece	Ancient Greece	Building Locational	Local Area	Ancient Egypt	Bee Conservation
V 2// O /			knowledge: Italy		7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7	
Year 3/4 Owl		Mechanics: Make a moving	8	Textiles: Fastenings		Food: Adapting a recipe
		.manster		Make a book cover		" "
						understand and apply the
		design purposeful,		select from and use a		principles of a healthy and
		functional, appealing products for themselves		wider range of materials		varied diet
		and other users based on		and components, including		prepare and cook a variety
				construction materials,		of predominantly savoury
		design criteria		textiles and ingredients,		
		select from and use a wide		according to their		dishes using a range of
		range of materials and		functional properties and		cooking techniques
		.components, including		aesthetic qualities		understand seasonality and
		construction materials,		'		know where and how a
		textiles and ingredients,				variety of ingredients are
		according to their				grown, reared, caught and
		characteristics.				processed
		Make an Ancient Greek				Incorporate locally sourced
		themed moving monster.				honey into recipe.
		diented having harden.				1001 leg 11 to 1 leaple.
	Ancient Greece	Ancient Greece	Building Locational	Rivers	Britain at War	Biomes and Ecosystems
Year 4/5 Kestrel			knowledge : Italy			
, and if a result		Mechanics: Make a moving		Food: What could be		Textiles: Fastenings
		monster		healthier?		Make a book cover
		Make an Ancient Greek		Create a healthy meal		
		themed moving monster.				select from and use a wider
		· ·		, , , , , , , , , , , , , , , , , , ,		range of materials and
		design purposeful,		understand and apply the		components, including
		functional, appealing		principles of a healthy		construction materials,
		products for themselves		and varied diet		textiles and ingredients,
						according to their functional
-						

		and other users based on design criteria select from and use a wide range of materials and components, including construction materials, textiles and ingredients, according to their characteristics.		prepare and cook a variety of predominantly savoury dishes using a range of cooking techniques understand seasonality and know where and how a variety of ingredients are grown, reared, caught and processed		properties and aesthetic qualities
Year 6 Eagle	Mayans/ Aztecs Hola Mexico	Mayans/ Aztecs Hola Mexico Mechanisms: Make a pop-up hook Design and make a pop-up book exploring the Mayans design purposeful, functional, appealing products for themselves and other users based on design criteria select from and use a wide range of materials and components, including construction materials, textiles and ingredients, according to their characteristics	Frozen Kingdoms and Biames	Building Locational Knowledge: South America Food: Come dine with me Develop a quesadilla recipe understand and apply the principles of a healthy and varied diet prepare and cook a variety of predominantly savoury dishes using a range of cooking techniques understand seasonality and know where and how a variety of ingredients are grown, reared, caught and processed	How did Grimsby become Great?	Climate Change: Learn, Think, Act! Textiles: Waistcoats Make a waistcoat 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