



Parklands Community Primary School Long Term Curriculum Map



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	Autumn		Spring		Summer	
Year 1 Topics	The Enchanted Woodland	Magical Story Chest	On the Move	Superheroes	Dinosaurs	Oh I do like to be Beside the Seaside
Year 1		Magical Biscuit Design <ul style="list-style-type: none"> Design purposeful, functional, appealing products for themselves and other users based on design criteria Make <ul style="list-style-type: none"> select from and use a wide range of materials and components, including ingredients, according to their characteristics Evaluate <ul style="list-style-type: none"> explore and evaluate a range of existing products evaluate their ideas and products against design criteria Cooking and Nutrition <ul style="list-style-type: none"> use the basic principles of a healthy and varied 		Design a Superhero Costume Design <ul style="list-style-type: none"> generate, develop, model and communicate their ideas through talking, drawing, templates, mock-ups and, where appropriate, information and communication technology Make <ul style="list-style-type: none"> select from and use a range of tools and equipment to perform practical tasks [for example, cutting, shaping, joining and finishing] Evaluate <ul style="list-style-type: none"> explore and evaluate a range of existing products evaluate their ideas and products against design criteria 		Design a boat Design <ul style="list-style-type: none"> generate, develop, model and communicate their ideas through talking, drawing, templates, mock-ups and, where appropriate, information and communication technology Make <ul style="list-style-type: none"> select from and use a range of tools and equipment to perform practical tasks [for example, cutting, shaping, joining and finishing] Evaluate <ul style="list-style-type: none"> explore and evaluate a range of existing products evaluate their ideas and products against design criteria Technical knowledge

		<p>diet to prepare dishes</p> <ul style="list-style-type: none"> understand where food comes from. 				<ul style="list-style-type: none"> 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
Year 2 Topics	Towers, Tunnels and Turrets	Fire and Ice	Travel and Adventure		Homes and Habitats	Fit 4 Life
Year 2	<p>Castles – Joining</p> <p>Design</p> <ul style="list-style-type: none"> generate, develop, model and communicate their ideas through talking, drawing, templates, mock-ups and, where appropriate, information and communication technology <p>Make</p> <ul style="list-style-type: none"> select from and use a range of tools and equipment to perform practical tasks [for example, cutting, shaping, joining and finishing] <p>Technical Knowledge</p> <ul style="list-style-type: none"> build structures, exploring how they can be made 		<p>Paper Mechanisms – modes of transport</p> <p>Design</p> <ul style="list-style-type: none"> generate, develop, model and communicate their ideas through talking, drawing, templates, mock-ups and, where appropriate, information and communication technology <p>Make</p> <ul style="list-style-type: none"> select from and use a range of tools and equipment to perform practical tasks [for example, cutting, shaping, joining and finishing] <p>Evaluate</p> <ul style="list-style-type: none"> explore and evaluate a range of existing products evaluate their ideas and products against design criteria <p>Technical Knowledge</p> <ul style="list-style-type: none"> 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 			<p>Food Design – Fruit Salad</p> <p>Design</p> <ul style="list-style-type: none"> design purposeful, functional, appealing products for themselves and other users based on design criteria <p>Make</p> <ul style="list-style-type: none"> select from and use a wide range of materials and components, including ingredients, according to their characteristics <p>Evaluate</p> <ul style="list-style-type: none"> explore and evaluate a range of existing products evaluate their ideas and products against design criteria <p>Cooking and Nutrition</p>

	stronger, stiffer and more stable				<ul style="list-style-type: none"> use the basic principles of a healthy and varied diet to prepare dishes understand where food comes from.
Year 3 Topics	Stones and Bones	Mighty Metals	I Want My Mummy	Romans On The Rampage	Raindrop To River
Year 3		<p>Design a tool that could be incorporated in The Iron Giant story</p> <p>Design</p> <ul style="list-style-type: none"> 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 <p>Make</p> <ul style="list-style-type: none"> select from and use a wider range of tools and equipment to perform practical tasks [for example, cutting, shaping, joining and finishing], accurately 		<p>Food – <i>design a Caesar salad or a Roman sandwich snack</i></p> <p>http://timetravellerkids.co.uk/news/make-some-roman-honey-pastries/</p> <p>Make</p> <ul style="list-style-type: none"> 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 <p>Cooking and Nutrition</p> <ul style="list-style-type: none"> 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. 	<p>Bridge Building</p> <p>Design</p> <ul style="list-style-type: none"> 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 <p>Select</p> <ul style="list-style-type: none"> from and use a wider range of tools and equipment to perform practical tasks [for example, cutting, shaping, joining and finishing], accurately <p>Evaluate</p> <ul style="list-style-type: none"> understand how key events and individuals in design and technology have helped shape the world <p>Technical Knowledge</p> <ul style="list-style-type: none"> apply their understanding of how to strengthen, stiffen and reinforce more complex structures

Year 4 Topics	Off with her head! (Tudors)	A Taste of India	I Predict a Riot!	Carnival of Animals	Secret Shores
Year 4		Food Make <ul style="list-style-type: none"> 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 Cooking and Nutrition <ul style="list-style-type: none"> 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. 	Viking Money Containers Design <ul style="list-style-type: none"> generate, develop, model and communicate their ideas through discussion, annotated sketches, cross-sectional and exploded diagrams, prototypes, pattern pieces and computer-aided design Make <ul style="list-style-type: none"> 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 Evaluate <ul style="list-style-type: none"> evaluate their ideas and products against their own design criteria and consider the views of others to improve their work Technical Knowledge <ul style="list-style-type: none"> apply their understanding of computing to program, monitor and control their products. 		
Year 5 Topics	Victorians	Space	Natural Disasters/ Materials	Enterprise	Greeks

Year 5		<p>Victorian based Cam Toy with a space design</p> <p>Design</p> <ul style="list-style-type: none"> 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 generate, develop, model and communicate their ideas through discussion, annotated sketches, cross-sectional and exploded diagrams, prototypes, pattern pieces and computer-aided design <p>Make .</p> <ul style="list-style-type: none"> Select from and use a wider range of tools and equipment to perform practical tasks [for example, cutting, shaping, joining and finishing], accurately <p>Evaluate</p> <ul style="list-style-type: none"> Evaluate their ideas and products against their own design criteria and consider 	<p>Textiles and Sewing</p> <p>Design</p> <ul style="list-style-type: none"> 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 <p>Make</p> <ul style="list-style-type: none"> 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 <p>Evaluate</p> <ul style="list-style-type: none"> 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 	.	<p>Cooking linked to Greeks (products, wrappers and boxes)</p> <p>Design</p> <ul style="list-style-type: none"> 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 <p>Cooking and Nutrition</p> <ul style="list-style-type: none"> 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 <p>Technical Knowledge</p>
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		<p>the views of others to improve their work</p> <ul style="list-style-type: none"> Understand how key events and individuals in design and technology have helped shape the world <p>Technical Knowledge</p> <ul style="list-style-type: none"> Apply their understanding of how to strengthen, stiffen and reinforce more complex structures Understand and use mechanical systems in their products [for example, gears, pulleys, cams, levers and linkages] 			<ul style="list-style-type: none"> apply their understanding of computing to program, monitor and control their products
Year 6 Topics	The Home Front	Hola Mexico!	Vive la France!	I'm a Survivor	
Year 6	<p><u>Light Up a Torch</u></p> <p>Design</p> <ul style="list-style-type: none"> generate, develop, model and communicate their ideas through discussion, annotated sketches, cross-sectional and exploded diagrams, prototypes, pattern pieces and computer-aided design <p>Make</p> <ul style="list-style-type: none"> 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 <p>Evaluate</p>	<p><u>Mexican food/Chocolate</u></p> <p>Make</p> <ul style="list-style-type: none"> 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 <p>Evaluate</p> <ul style="list-style-type: none"> understand and apply the principles of a healthy and varied diet <p>Cooking and Nutrition</p> <ul style="list-style-type: none"> prepare and cook a variety of predominantly savoury dishes using a range of cooking techniques 	<p><u>Mobile Phone Pouches - Textiles</u></p> <p>Design</p> <ul style="list-style-type: none"> 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 <p>Make</p> <ul style="list-style-type: none"> 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 <p>Evaluate</p> <ul style="list-style-type: none"> 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 		

	<ul style="list-style-type: none"> • 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 <p>Technical Knowledge</p> <ul style="list-style-type: none"> • understand and use electrical systems in their products [for example, series circuits incorporating switches, bulbs, buzzers and motors] 	<ul style="list-style-type: none"> • understand seasonality, and know where and how a variety of ingredients are grown, reared, caught and processed 	
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