

		Autumn	Spring	Summer
2016-17	KS1	<p><b>Textiles</b></p> <ul style="list-style-type: none"> <li>• Design purpose, functional and appealing products for themselves and others based on design criteria.</li> <li>• Select from and use a range of tools and equipment to perform practical tasks.</li> <li>• Select from and use a range of textiles according to characteristics.</li> <li>• Explore and evaluate a range of existing products.</li> <li>• Evaluate ideas and products against design criteria</li> </ul> <p><u>IPC</u> All About me Clothes</p>	<p><b>Cookery and Nutrition</b></p> <ul style="list-style-type: none"> <li>• Use the principles of a healthy and varied diet to prepare dishes.</li> <li>• Understand where food comes from.</li> </ul> <p><u>IPC</u> Let's Pretend Changes</p>	<p><b>Structures</b></p> <ul style="list-style-type: none"> <li>• Build structures, exploring how they can be made stronger, stiffer and more stable.</li> <li>• Design purpose, functional and appealing products for themselves and others based on design criteria.</li> <li>• Select from and use a range of tools and equipment to perform practical tasks.</li> <li>• Select from and use a range of materials according to characteristics.</li> <li>• Explore and evaluate a range of existing products.</li> <li>• Evaluate ideas and products against design criteria</li> </ul> <p><u>IPC</u> Houses and Homes</p>
	Lower LS2	<p><b>Textiles</b></p> <ul style="list-style-type: none"> <li>• Design purpose, functional and appealing products for themselves and others based on design criteria.</li> <li>• Select from and use a wider range of tools and equipment to perform practical tasks accurately.</li> <li>• Select from and use a range of textiles according to functional and aesthetic qualities.</li> </ul>	<p><b>Structures</b></p> <ul style="list-style-type: none"> <li>• Design purpose, functional and appealing products for themselves and others based on design criteria.</li> <li>• Apply their understanding of how to strengthen, stiffen and reinforce more complex structures.</li> <li>• Select from and use a wider range of tools and equipment to perform practical tasks accurately.</li> </ul>	<p><b>Cookery and Nutrition</b></p> <ul style="list-style-type: none"> <li>• Understand and apply the principles of a healthy and varied diet</li> <li>• To prepare and cook a variety of predominantly savoury dishes using a range of cooking techniques.</li> </ul> <p><u>IPC</u> Our World</p>

	<ul style="list-style-type: none"> <li>Explore and evaluate a range of existing products.</li> <li>Evaluate ideas and products against design criteria and suggest improvements to their work.</li> </ul> <p><u>IPC</u> Sensational All Dressed up</p>	<ul style="list-style-type: none"> <li>Select from and use a range of materials according to functional and aesthetic qualities.</li> <li>Explore and evaluate a range of existing products.</li> <li>Evaluate ideas and products against design criteria and suggest improvements to their work.</li> </ul> <p><u>IPC</u> What's it Made of? Media Magic / The Magic Toymaker The Stories People Tell</p>	Water World
Upper KS2	<p><b>Textiles</b></p> <ul style="list-style-type: none"> <li>Design purpose, functional and appealing products for themselves and others based on design criteria.</li> <li>Generate, develop and communicate ideas through discussion, sketches, diagrams, patterns pieces.</li> <li>Select from and use a wider range of tools and equipment to perform practical tasks accurately.</li> <li>Select from and use a range of textiles according to functional and aesthetic qualities.</li> <li>Explore and evaluate a range of existing products.</li> <li>Evaluate ideas and products against design criteria and consider the views of others to improve their work.</li> </ul>	<p><b>Circuits</b></p> <ul style="list-style-type: none"> <li>Design purpose, functional and appealing products for themselves and others based on design criteria.</li> <li>Understand and use electrical systems in their products (eg series circuits, switches, bulbs, buzzers and motors.)</li> <li>Select from and use a wider range of tools and equipment to perform practical tasks accurately.</li> <li>Select from and use a range of textiles according to functional and aesthetic qualities.</li> <li>Explore and evaluate a range of existing products. Evaluate ideas and products against design criteria and suggest improvements to their work.</li> </ul> <p><u>IPC</u></p>	<p><b>Cookery and Nutrition</b></p> <ul style="list-style-type: none"> <li>Understand and apply the principles of a healthy and varied diet</li> <li>To prepare and cook a variety of predominantly savoury dishes using a range of cooking techniques.</li> <li>Understand seasonality, and know where and how a variety of ingredients are grown, reared caught and processed.</li> </ul> <p><u>IPC</u> The Earth Our Home Water World</p>

		<u>IPC</u> Super Humans All Dressed up	The Magic Toy Maker Media Magic The Stories People Tell	
2017-18	KS1	<u>Structures</u> <ul style="list-style-type: none"> <li>Build structures, exploring how they can be made stronger, stiffer and more stable.</li> <li>Design purpose, functional and appealing products for themselves and others based on design criteria.</li> <li>Select from and use a range of tools and equipment to perform practical tasks.</li> <li>Select from and use a range of materials according to characteristics.</li> <li>Explore and evaluate a range of existing products.</li> <li>Evaluate ideas and products against design criteria</li> </ul> <u>IPC</u> Treasure Patterns	<u>Textiles</u> <ul style="list-style-type: none"> <li>Design purpose, functional and appealing products for themselves and others based on design criteria.</li> <li>Select from and use a range of tools and equipment to perform practical tasks.</li> <li>Select from and use a range of textiles according to characteristics.</li> <li>Explore and evaluate a range of existing products.</li> <li>Evaluate ideas and products against design criteria</li> </ul> <u>IPC</u> Animals Bears	<u>Cookery and Nutrition</u> <ul style="list-style-type: none"> <li>Use the principles of a healthy and varied diet to prepare dishes.</li> <li>Understand where food comes from.</li> </ul> <u>IPC</u> Family and Friends Shopping
	Lower KS2	<u>Mechanisms</u> <ul style="list-style-type: none"> <li>Design purpose, functional and appealing products for themselves and others based on design criteria.</li> <li>Understand and use mechanical systems in their products (eg levers and linkages)</li> </ul>	<u>Cookery and Nutrition</u> <ul style="list-style-type: none"> <li>Understand and apply the principles of a healthy and varied diet</li> <li>To prepare and cook a variety of predominantly savoury dishes using a range of cooking techniques.</li> </ul> <u>IPC</u>	<u>Structures</u> <ul style="list-style-type: none"> <li>Design purpose, functional and appealing products for themselves and others based on design criteria.</li> <li>Apply their understanding of how to strengthen, stiffen and</li> </ul>

	<ul style="list-style-type: none"> <li>Select from and use a wider range of tools and equipment to perform practical tasks accurately.</li> <li>Select from and use a range of materials according to functional and aesthetic qualities.</li> <li>Explore and evaluate a range of existing products.</li> <li>Evaluate ideas and products against design criteria and suggest improvements to their work.</li> </ul> <p><u>IPC</u> Look and Listen Art Seeing the Light</p>	<p>Flowers and Insects ICT and Computing</p>	<p>reinforce more complex structures.</p> <ul style="list-style-type: none"> <li>Select from and use a wider range of tools and equipment to perform practical tasks accurately.</li> <li>Select from and use a range of materials according to functional and aesthetic qualities.</li> <li>Explore and evaluate a range of existing products.</li> <li>Evaluate ideas and products against design criteria and suggest improvements to their work.</li> </ul> <p><u>IPC</u> Buildings Music</p>
Upper KS2	<p><u>Circuits</u></p> <ul style="list-style-type: none"> <li>Design purpose, functional and appealing products for themselves and others based on design criteria.</li> <li>Understand and use electrical systems in their products (eg series circuits, switches, bulbs, buzzers and motors.)</li> <li>Select from and use a wider range of tools and equipment to perform practical tasks accurately.</li> </ul>	<p><u>Cookery and Nutrition</u></p> <ul style="list-style-type: none"> <li>Understand and apply the principles of a healthy and varied diet</li> <li>To prepare and cook a variety of predominantly savoury dishes using a range of cooking techniques.</li> <li>Understand seasonality, and know where and how a variety of ingredients are grown, reared caught and processed.</li> </ul> <p><u>IPC</u> Live and let live ICT and Computing</p>	<p><u>Structures</u></p> <ul style="list-style-type: none"> <li>Design purpose, functional and appealing products for themselves and others based on design criteria.</li> <li>Apply their understanding of how to strengthen, stiffen and reinforce more complex structures.</li> <li>Select from and use a wider range of tools and equipment to perform practical tasks accurately.</li> </ul>

		<ul style="list-style-type: none"> <li>Select from and use a range of textiles according to functional and aesthetic qualities.</li> <li>Explore and evaluate a range of existing products.</li> <li>Evaluate ideas and products against design criteria and suggest improvements to their work.</li> </ul> <p><u>IPC</u> It's Shocking Art Seeing the Light</p>		<ul style="list-style-type: none"> <li>Select from and use a range of textiles according to functional and aesthetic qualities.</li> <li>Explore and evaluate a range of existing products.</li> <li>Evaluate ideas and products against design criteria and suggest improvements to their work.</li> </ul> <p><u>IPC</u> People of the Past Music</p>
2018-19	KS1	<p><b>Structures</b></p> <ul style="list-style-type: none"> <li>Build structures, exploring how they can be made stronger, stiffer and more stable.</li> <li>Design purpose, functional and appealing products for themselves and others based on design criteria.</li> <li>Select from and use a range of tools and equipment to perform practical tasks.</li> <li>Select from and use a range of materials according to characteristics.</li> <li>Explore and evaluate a range of existing products.</li> <li>Evaluate ideas and products against design criteria</li> </ul> <p><u>IPC</u> Sand and Water</p>	<p><b>Cookery and Nutrition</b></p> <ul style="list-style-type: none"> <li>Use the principles of a healthy and varied diet to prepare dishes.</li> <li>Understand where food comes from.</li> </ul> <p><u>IPC</u> Food Plants and Flowers</p>	<p><b>Mechanisms</b></p> <ul style="list-style-type: none"> <li>Explore and use mechanisms (eg levers, sliders, wheels, axles) in their own products.</li> <li>Design purpose, functional and appealing products for themselves and others based on design criteria.</li> <li>Select from and use a range of tools and equipment to perform practical tasks.</li> <li>Select from and use a range of materials according to characteristics.</li> <li>Explore and evaluate a range of existing products.</li> <li>Evaluate ideas and products against design criteria</li> </ul> <p><u>IPC</u></p>

		Up and Away		Transport
Lower KS2	<p><b>Textiles</b></p> <ul style="list-style-type: none"> <li>• Design purpose, functional and appealing products for themselves and others based on design criteria.</li> <li>• Select from and use a wider range of tools and equipment to perform practical tasks accurately.</li> <li>• Select from and use a range of textiles according to functional and aesthetic qualities.</li> <li>• Explore and evaluate a range of existing products.</li> <li>• Evaluate ideas and products against design criteria and suggest improvements to their work.</li> </ul> <p><u>IPC</u> A Day in the Life Freeze it Time Travellers</p>	<p><b>Cookery and Nutrition</b></p> <ul style="list-style-type: none"> <li>• Understand and apply the principles of a healthy and varied diet</li> <li>• To prepare and cook a variety of predominantly savoury dishes using a range of cooking techniques.</li> </ul> <p>We are what we eat Green Fingers</p>	<p><b>Mechanisms</b></p> <ul style="list-style-type: none"> <li>• Design purpose, functional and appealing products for themselves and others based on design criteria.</li> <li>• Understand and use mechanical systems in their products (eg levers and linkages)</li> <li>• Select from and use a wider range of tools and equipment to perform practical tasks accurately.</li> <li>• Select from and use a range of materials according to functional and aesthetic qualities.</li> <li>• Explore and evaluate a range of existing products.</li> <li>• Evaluate ideas and products against design criteria and suggest improvements to their work.</li> </ul> <p><u>IPC</u> Hooray Let's Get Moving PE Push Me Pull Me</p>	
Upper KS2	<p><b>Textiles</b></p> <ul style="list-style-type: none"> <li>• Design purpose, functional and appealing products for themselves and others based on design criteria.</li> </ul>	<p><b>Cookery and Nutrition</b></p> <ul style="list-style-type: none"> <li>• Understand and apply the principles of a healthy and varied diet</li> </ul>	<p><b>Mechanisms</b></p> <ul style="list-style-type: none"> <li>• Design purpose, functional and appealing products for</li> </ul>	

		<ul style="list-style-type: none"> <li>• Generate, develop and communicate ideas through discussion, sketches, diagrams, patterns pieces.</li> <li>• Select from and use a wider range of tools and equipment to perform practical tasks accurately.</li> <li>• Select from and use a range of textiles according to functional and aesthetic qualities.</li> <li>• Explore and evaluate a range of existing products.</li> <li>• Evaluate ideas and products against design criteria and consider the views of others to improve their work.</li> </ul> <p><u>IPC</u> I'm Alive Freeze it Time Travellers</p>	<ul style="list-style-type: none"> <li>• To prepare and cook a variety of predominantly savoury dishes using a range of cooking techniques.</li> <li>• Understand seasonality, and know where and how a variety of ingredients are grown, reared caught and processed.</li> </ul> <p><u>IPC</u> How are You Green Fingers</p>	<p>themselves and others based on design criteria.</p> <ul style="list-style-type: none"> <li>• Understand and use mechanical systems in their products (eg gears, pulleys, cams, levers and linkages)</li> <li>• Select from and use a wider range of tools and equipment to perform practical tasks accurately.</li> <li>• Select from and use a range of textiles according to functional and aesthetic qualities.</li> <li>• Explore and evaluate a range of existing products.</li> <li>• Evaluate ideas and products against design criteria and suggest improvements to their work.</li> </ul> <p><u>IPC</u> From A to B PE Push Me Pull You</p>
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Topics to be covered in each term  
Blue – covered by IPC  
Red – additional coverage needed