EYFS	Y1	Y2	Y3	Y4	Y5	Y6	
Children safely use and explore a variety of materials, tools and	Children safely use and explore a variety of materials, tools and	Children safely use and explore a variety of materials, tools and	Children safely use and explore a variety of materials, tools and	Children safely use and explore a variety of materials, tools and	Children safely use and explore a variety of materials, tools and	Children safely use and explore a variety of materials, tools and	
techniques, experimenting with colour, design, texture, form and	techniques, experimenting with colour, design, texture, form and	techniques, experimenting with colour, design, texture, form and	techniques, experimenting with colour, design, texture, form and	techniques, experimenting with colour, design, texture, form and	techniques, experimenting with colour, design, texture, form and	techniques, experimenting with colour, design, texture, form and	
Children use what they have learnt about media and materials in original ways, thinking about uses and purposes. They represent their own ideas, thoughts and feelings through design and technology, art,	Children use what they have learnt about media and materials in original ways, thinking about uses and purposes. They represent their own ideas, thoughts and feelings through design and technology, art,	Children use what they have learnt about media and materials in original ways, thinking about uses and purposes. They represent their own ideas, thoughts and feelings through design and technology, art,	Children use what they have learnt about media and materials in original ways, thinking about uses and purposes. They represent their own ideas, thoughts and feelings through design and technology, art,	Children use what they have learnt about media and materials in original ways, thinking about uses and purposes. They represent their own ideas, thoughts and feelings through design and technology, art,	Children use what they have learnt about media and materials in original ways, thinking about uses and purposes. They represent their own ideas, thoughts and feelings through design and technology, art,	Children use what they have learnt about media and materials in original ways, thinking about uses and purposes. They represent their own ideas, thoughts and feelings through design and technology, art,	E Y F S
music, dance, role play and stories.	music, dance, role play and stories.	music, dance, role play and stories.	music, dance, role play and stories.	music, dance, role play and stories.	music, dance, role play and stories.	music, dance, role play and stories.	
CARLINGHOW ACADEMY	I can understand that all food has to be farmed, grown or caught. I can use the basic principles for a healthy and varied diet to prepare dishes.	I can understand that all food has to be farmed, grown or caught. I can use the basic principles of a healthy and varied diet to prepare dishes.	I can understand that all food has to be farmed, grown or caught. I can prepare and cook a variety predominantly savoury dishes using a range of cooking	I can understand that all food has to be farmed, grown or caught. I can prepare and cook a variety predominantly savoury dishes using a range of cooking	I can understand that all food has to be farmed, grown or caught. I can prepare and cook a variety predominantly savoury dishes using a range of cooking	I can understand that all food has to be farmed, grown or caught. I can prepare and cook a variety predominantly savoury dishes using a range of cooking	Y 1
D and T ogramme of Study	I can design useful, pleasing products for myself and other users based on a design brief. I can generate, develop, model and communicate my ideas through talking, drawing, templates, mock-ups and IT. I can select from and use a range of tools and equipment to	I can design useful, pleasing products for myself and other users based on a design brief. I can generate, develop, model and communicate my ideas through talking, drawing, templates, mock-ups and IT. I can select from and use a range of tools and equipment to	I can design useful, pleasing products for myself and other users based on a design brief. I can generate, develop, model and communicate my ideas through talking, drawing, templates, mock-ups and IT.	I can design useful, pleasing products for myself and other users based on a design brief. I can generate, develop, model and communicate my ideas through talking, drawing, templates, mock-ups and IT.	techniques. I can design useful, pleasing products for myself and other users based on a design brief. I can generate, develop, model and communicate my ideas through talking, drawing, templates, mock-ups and IT.	techniques. I can design useful, pleasing products for myself and other users based on a design brief. I can generate, develop, model and communicate my ideas through talking, drawing, templates, mock-ups and IT.	

perform practical	perform practical	I can select from and				
tasks.	tasks.	use a range of tools				
I can select from and	I can select from and	and equipment to	and equipment to	and equipment to	and equipment to	
use a range of	use a <mark>wide</mark> range of	perform practical	perform practical	perform practical	perform practical	
materials and	materials and	tasks.	tasks.	tasks.	tasks.	
components,	components,	I can select from and				
including construction	including construction	use a wide range of				
materials, textiles and	materials, textiles and	materials and	materials and	materials and	materials and	
ingredients, according	ingredients, according	components,	components,	components,	components,	
to their	to their	including construction	including construction	including construction	including construction	
characteristics.	characteristics.	materials, textiles and	materials, textiles and	materials, textiles and	materials, textiles and	
		ingredients, according	ingredients, according	ingredients, according	ingredients, according	
I can evaluate and	I can evaluate and	to their	to their	to their	to their	
assess existing	assess existing	characteristics.	characteristics.	characteristics.	characteristics.	
products and those	products and those					
that I have made	that I have made	I can evaluate and				
using a design	using a design	assess existing	assess existing	assess existing	assess existing	
criteria.	criteria.	products and those	products and those	products and those	products and those	
I can investigate	I can investigate	that I have made				
different techniques	different techniques	using a design	using a design	using a design	using a design	
for stiffening a variety	for stiffening a variety	criteria.	criteria.	criteria.	criteria.	
of materials and	of materials and	I can investigate	I can investigate	I can investigate	I can investigate	
explore different	explore different	different techniques	different techniques	different techniques	different techniques	
methods of enabling	methods of enabling	for stiffening a variety				
structures to remain	structures to remain	of materials and	of materials and	of materials and	of materials and	
stable	stable	explore different	explore different	explore different	explore different	
I can explore and use	I can explore and use	methods of enabling	methods of enabling	methods of enabling	methods of enabling	
mechanisms such as	mechanisms such as	structures to remain	structures to remain	structures to remain	structures to remain	
levers, sliders, wheels	levers, sliders, wheels	stable	stable	stable	stable	
and axles in products.	and axles in products.	I can explore and use				
		mechanisms such as	mechanisms such as	mechanisms such as	mechanisms such as	
		levers, sliders, wheels	levers, sliders, wheels	levers, sliders, wheels	levers, sliders, wheels	
		and axles in products.				
	I can understand that	I can understand that	I can understand that	I can understand that	I can understand that	
	all food has to be	all food has to be	all food has to be	all food has to be	all food has to be	
	farmed, grown or	farmed, grown or	farmed, grown or	farmed, grown or	farmed, grown or	Υ
	caught	caught	caught	caught	caught	2
	I can design useful,	I can design useful,	I can design useful,	I can design useful,	I can design useful,	_
	pleasing products for	pleasing products for	pleasing products for	pleasing products for	pleasing products for	
	myself and other	myself and other	myself and other	myself and other	myself and other	
	users based on a	users based on a	users based on a	users based on a	users based on a	
	design brief	design brief	design brief	design brief	design brief	
	I can generate,	I can generate,	I can generate,	I can generate,	I can generate,	
	develop, model and	develop, model and	develop, model and	develop, model and	develop, model and	
	communicate my	communicate my	communicate my	communicate my	communicate my	

ideas through talking, drawing, templates, drawing, templates, drawing, templates, drawing, templates, drawing, templates, mock-ups and I I can evaluate and assess existing assess existing assess existing assess existing assess existing products and those that I have made using a design criteria I can investigate different techniques different techniques different techniques different techniques different techniques for stiffening a variety of materials and explore different explore different explore different explore different explore different methods of enabling structures to remain stable stable stable stable stable I can explore and use mechanisms such as levers, sliders, wheels and axles in products I can talk about the different food groups different food groups different food groups different food groups and name food from and name food from and name food from and name food from each group each group each group each group I can create designs I can create designs I can create designs I can create designs using exploded using exploded using exploded using exploded diagrams diagrams diagrams diagrams I can use my I can use my I can use my I can use my knowledge of existing knowledge of existing knowledge of existing knowledge of existing products to design my products to design my products to design my products to design my own functional own functional own functional own functional product product product product I can safely measure, I can safely measure, I can safely measure, I can safely measure, mark out, cut, mark out, cut, mark out, cut, mark out, cut, assemble and join assemble and join assemble and join assemble and join with some accuracy with some accuracy with some accuracy with some accuracy I can create designs I can create designs I can create designs I can create designs using annotated using annotated using annotated using annotated sketches, crosssketches, crosssketches, crosssketches, crosssectional diagrams sectional diagrams sectional diagrams sectional diagrams and simple computer and simple computer and simple computer and simple computer programmes programmes programmes programmes I can understand what I can understand what I can understand what makes a healthy and makes a healthy and makes a healthy and balanced diet, and balanced diet, and balanced diet, and

that different foods that different foods that different foods and drinks provide and drinks provide and drinks provide different substances different substances different substances the body needs to be the body needs to be the body needs to be healthy and active healthy and active healthy and active I can use techniques I can use techniques I can use techniques Υ which require more which require more which require more accuracy to cut, accuracy to cut, accuracy to cut, shape, join and finish shape, join and finish shape, join and finish my work e.g. Cutting my work e.g. Cutting my work e.g. Cutting internal shapes, slots internal shapes, slots internal shapes, slots I can consider how I can consider how I can consider how existing products and existing products and existing products and my own finished my own finished my own finished products might be products might be products might be improved and how improved and how improved and how well they meet the well they meet the well they meet the needs of the intended needs of the intended needs of the intended user user user I can apply I can apply I can apply techniques I have techniques I have techniques I have learnt to strengthen learnt to strengthen learnt to strengthen structures and explore structures and explore structures and explore my own ideas my own ideas my own ideas I can understand and I can understand and I can understand and use electrical systems use electrical systems use electrical systems in my products in my products in my products I can understand the I can understand the main food groups and main food groups and the different nutrients the different nutrients that are important for that are important for health health I can use my research I can use my research into existing products into existing products and my market and my market research to inform the research to inform the design of my own design of my own innovative product innovative product Υ I can make detailed I can make detailed evaluations about evaluations about existing products and existing products and my own considering my own considering the views of others to the views of others to improve my work improve my work

I can build more complex 3D structures and apply my knowledge of strengthening techniques to make them stronger or more stable I can understand how to use more complex mechanical and electrical systems

I can build more complex 3D structures and apply my knowledge of strengthening techniques to make them stronger or more stable
I can understand how to use more complex mechanical and electrical systems
I can confidently plan

a series of healthy meals based on the principles of a healthy and varied diet I can generate, develop, model and communicate my ideas through discussion, annotated sketches, crosssectional and Υ exploded diagrams, prototypes, pattern pieces and computeraided design I can use research I have done into famous designers and inventors to inform my designs I can use my knowledge of famous designs to further explain the effectiveness of existing products and products I have made i can apply my understanding of computing to programme, monitor

and control my products.