




DESIGN TECHNOLOGY OVERVIEW			
EYFS			
	AUTUMN	SPRING	SUMMER
CYCLE A		<b>MODEL VEHICLES</b> BIG IDEA: Construction	<b>PUPPETS</b> BIG IDEA: Textiles
KS1			
	AUTUMN	SPRING	SUMMER
CYCLE A	<b>PUPPETS</b> BIG IDEA: Textiles <b>End point assessment:</b> Can I <b>design</b> a puppet for a specific purpose?	<b>HEALTHY PIZZA</b> BIG IDEA: Cooking and Nutrition <b>End point assessment:</b> Can I explain <b>where different foods come from?</b>	<b>MOVING PICTURES</b> BIG IDEA: Mechanisms <b>End point assessment:</b> Can I <b>design and make</b> a picture book with moving parts and explain how it works?
CYCLE B	<b>WHEELS AND AXELS Design a moving vehicle</b> BIG IDEA: Mechanisms <b>End point assessment:</b> How can I <b>make</b> a vehicle that moves?	<b>MAMA PANYA'S PANCAKES</b> BIG IDEA: Cooking and Nutrition <b>End point assessment:</b> How can I make a pancake <b>safely and hygienically?</b>	<b>GARDEN/BUG HOTEL</b> BIG IDEA: Construction <b>End point assessment:</b> Can I <b>evaluate</b> my bug hotel and suggest improvements?
LKS2			
	AUTUMN	SPRING	SUMMER
CYCLE A	<b>BATTERY OPERATED LIGHTS-Thomas Edison</b> BIG IDEA: Electrical circuits <b>End point assessment:</b> Can I <b>design and make</b> a battery-operated light that is fit for purpose?	<b>EDIBLE GARDEN</b> BIG IDEA: Cooking and Nutrition <b>End point assessment:</b> Can I design an edible garden, explain <b>how it grows and say where the food come from?</b>	<b>LEVERS/TREBUCHET</b> BIG IDEA: Mechanisms <b>End point assessment:</b> Can I <b>research existing products</b> to support the <b>design</b> of my own product?
CYCLE B	<b>FELT CHRISTMAS TREE DECORATIONS</b> BIG IDEA: Textiles <b>End point assessment:</b> How can I <b>make</b> a decoration that is aesthetically pleasing?	<b>HEALTHY PLATE- Jamie Oliver</b> BIG IDEA: Cooking and Nutrition <b>End point assessment:</b> How can I <b>design</b> and make a <b>healthy and nutritious</b> sandwich for an explorer?	<b>SHELTERS</b> BIG IDEA: Construction <b>End point assessment:</b> Can I <b>evaluate</b> my final product and suggest improvements?
UKS2			

	AUTUMN	SPRING	SUMMER
CYCLE A	<p align="center"><b>ALARM SYSTEM</b></p> <p align="center">BIG IDEA: Electrical circuits</p> <p><b>End point assessment:</b> Can I use a set of criteria to <b>evaluate</b> an alarm system?</p>	<p align="center"><b>POP-UP BOOK</b></p> <p align="center">BIG IDEA: Mechanisms</p> <p><b>End point assessment:</b> Can I <b>research existing products</b> and use this to develop a set of <b>design criteria</b>?</p>	<p align="center"><b>EGYPTIAN BREAD</b></p> <p align="center">BIG IDEA: Cooking and Nutrition</p> <p><b>End point assessment:</b> Can I use a range of skills to <b>prepare and make</b> foods from around the world?</p>
CYCLE B	<p align="center"><b>AUTOMATA ANIMALS – Theo Jansen</b></p> <p align="center">BIG IDEA: Mechanisms</p> <p><b>End point assessment:</b> Can I use a <b>range of materials and joining techniques</b> to make a toy with moving parts?</p>	<p align="center"><b>BRILLANT BRIDGES – Zaha Hadid/ Thomas Telford</b></p> <p align="center">BIG IDEA: Construction</p> <p><b>End point assessment:</b> Can I <b>explain how key individuals in design and technology have helped to shape the world</b>?</p>	<p align="center"><b>SUNGLASSES CASE</b></p> <p align="center">BIG IDEA: Textiles</p> <p><b>End point assessment:</b> Can I use my skills of evaluation to <b>evaluate</b> a similar product?</p>