




DESIGN TECHNOLOGY OVERVIEW EYFS

	AUTUMN	SPRING	SUMMER
CYCLE A		MODEL VEHICLES BIG IDEA: Construction	PUPPETS BIG IDEA: Textiles
	KS1		
	AUTUMN	SPRING	SUMMER
CYCLE A	PUPPETS BIG IDEA: Textiles End point assessment: Can I design a puppet for a specific purpose?	HEALTHY MEAL BIG IDEA: Cooking and Nutrition End point assessment: Can I design and make a balanced meal using correct techniques? Roots to Food - SPRING 2	MOVING PICTURES BIG IDEA: Mechanisms End point assessment: Can I design and make a picture book with moving parts and explain how it works?
CYCLE B	WHEELS AND AXELS Design a moving vehicle BIG IDEA: Mechanisms End point assessment: Can I design, make and evaluate a moving vehicle? SCIENCE CURRICULUM LINK: EYFS Materials	AFRICAN FOODS BIG IDEA: Cooking and Nutrition End point assessment: How can I make an authentic African dish safely? GEOGRAPHY CURRICULUM LINK: KS1 Africa Roots to Food - SPRING 2	GARDEN/BUG HOTEL BIG IDEA: Construction End point assessment: Can I evaluate my bug hotel and suggest improvements? SCIENCE CURRICULUM LINK: EYFS/KS1 Life Cycles, Minibeasts & Habitats
	LKS2		
	AUTUMN	SPRING	SUMMER
CYCLE A	BATTERY OPERATED LIGHTS-Thomas Edison BIG IDEA: Electrical circuits End point assessment: Can I design and make a battery-operated light that is fit for purpose? SCIENCE CURRICULUM LINK: LKS2 Electricity	LEVERS/TREBUCHET BIG IDEA: Mechanisms End point assessment: Can I design, make and evaluate a trebuchet? HISTORY CURRICULUM LINK: LKS2 Romans	EDIBLE GARDEN BIG IDEA: Cooking and Nutrition End point assessment: Can I prepare, cook and evaluate a meal, explaining how the ingredients grow and where the food comes from? SCIENCE CURRICULUM LINK: LKS2 Animals including humans Roots to Food - SPRING 2

CYCLE B	<p>FELT CHRISTMAS TREE DECORATIONS / Christmas bookmark BIG IDEA: Textiles End point assessment: Can I design, make and evaluate a textile product? SCIENCE CURRICULUM LINK: KS1 materials</p>	<p>HEALTHY PLATE- Jamie Oliver BIG IDEA: Cooking and Nutrition End point assessment: Can I design and make a healthy and nutritious meal? SCIENCE CURRICULUM LINK: LKS2 Animals including humans Roots to Food - SPRING 1</p>	<p>SHELTERS BIG IDEA: Construction End point assessment: Can I design, make and evaluate a shelter that is functional and fit for purpose? HISTORY CURRICULUM LINK: LKS2 WW2</p>
	UKS2		
	AUTUMN	SPRING	SUMMER
CYCLE A	<p>ALARM SYSTEM BIG IDEA: Electrical circuits End point assessment: Can I use a set of criteria to design, make and evaluate an alarm system? SCIENCE CURRICULUM LINK: LKS2/UKS2 Electricity</p>	<p>POP-UP BOOK BIG IDEA: Mechanisms End point assessment: Can I design, make and evaluate a pop-up book for a target audience?</p>	<p>CHINESE DISH BIG IDEA: Cooking and Nutrition End point assessment: Can I prepare, make and evaluate a Chinese dish? SCIENCE CURRICULUM LINK: LKS2 Animals including humans Roots to Food - SUMMER 2</p>
CYCLE B	<p>AUTOMATA ANIMALS - Theo Jansen BIG IDEA: Mechanisms End point assessment: Can I use a range of materials and joining techniques to make a toy with moving parts? SCIENCE CURRICULUM LINK: KS1 materials</p>	<p>BRILLANT BRIDGES - Zaha Hadid/ Thomas Telford BIG IDEA: Construction End point assessment: Can I explain how key individuals in design and technology have helped to shape the world? SCIENCE CURRICULUM LINK: KS1 materials</p>	<p>SUNGLASSES CASE BIG IDEA: Textiles End point assessment: Can I use my skills of evaluation to evaluate a similar product? SCIENCE CURRICULUM LINK: KS1 materials Roots to Food - SUMMER 1</p>