

Subject: Design Technology (Route A)

	Autumn		Spring		Summer	
	1 st Half	2 nd Half	1 st Half	2 nd Half	1 st Half	2 nd Half
EYFS	Can I use simple tools and techniques competently and appropriately?	Can I manipulate materials to achieve a planned effect?	I can select tools and techniques needed to shape, assemble and join materials I am using	I can safely use and explore a variety of materials, tools and techniques, experimenting with colour, design, texture, form and function.	I can safely use and explore a variety of materials, tools and techniques, experimenting with colour, design, texture, form and function.	I can safely use and explore a variety of materials, tools and techniques, experimenting with colour, design, texture, form and function.
KS1		Structures (Y1) <u>Castles Structures</u> What features will your castle need to stop an enemy attack?		Mechanisms (Y2) <u>Fire Engines</u> Do fire engines with the biggest wheels travel the fastest?		Food (Y1) <u>From Produce to Product</u> What makes a tasty salad?
Lower KS2		Mechanisms <u>Pulley systems</u> Can you create a pulley system to build a pyramid?		Structures <u>Mini Greenhouses</u> Can you make a sturdy micro herb greenhouse?		Food <u>From Produce to Product</u> What makes a tasty soup?
Upper KS2		Mechanisms (Y6) <u>Propellers</u> Can you design and make an aircraft in memory and celebration of the RAF base in Leeming?		Food (Y5) <u>Cooking and nutrition – Honey</u> How could you use honey to get to the Master Chef final?		Structures (Y6) <u>Kites</u> Can you design and make an eco-friendly kite?

Subject: Art and Design (Route B)

	Autumn		Spring		Summer	
	1 st Half	2 nd Half	1 st Half	2 nd Half	1 st Half	2 nd Half
EYFS	Can I use simple tools and techniques competently and appropriately?	Can I manipulate materials to achieve a planned effect?	I can select tools and techniques needed to shape, assemble and join materials I am using	I can safely use and explore a variety of materials, tools and techniques, experimenting with colour, design, texture, form and function.	I can safely use and explore a variety of materials, tools and techniques, experimenting with colour, design, texture, form and function.	I can safely use and explore a variety of materials, tools and techniques, experimenting with colour, design, texture, form and function.
KS1		Textiles (Y2) <u>Puppets:</u> How could you make your spaceman finger puppet fly?		Mechanisms (Y1) <u>Moving Toys</u> Can you make your explorer climb a mountain?		Structures (Y2) <u>Shelters</u> Can you make a shelter for the beach that is sun safe and sand free?
Lower KS2		Mechanisms <u>Pop up story book</u> Can you create a moving chariot race scene?		Mechanisms <u>Wind up toys</u> Can you design a rainforest wind up toy?		Food <u>Afternoon Tea</u> Can you design and make an afternoon tea for Mayan Gods?
Upper KS2		Textiles (Y5) <u>Drawstring bags</u> Can you design a naturally dyed drawstring bag?		Mechanisms (Y5) <u>Balloon Powered Car</u> How do forces affect the a balloon powered car moves?		Electrical Systems (Y6) <u>Light Up Games</u> Can you design and create a light up escape route from a natural disaster?