



	TERM	YEAR 3	YEAR 4	YEAR 5	YEAR 6
YEAR B	Autumn	<p>Topic Name: Electrical system product Big Question: I can</p> <ul style="list-style-type: none"> research and design an electrical system. choose and use appropriate tools, equipment and material to make my product. evaluate the effectiveness of my product. 	<p>Topic Name: Electrical system product Big Question: I can</p> <ul style="list-style-type: none"> research and design an electrical system, writing design criteria independently. choose and use appropriate tools, equipment and material to make my product. evaluate the effectiveness of my product, referring back to my design criteria. 	<p>Topic Name: Cam Toys - Mechanical Systems Big Question: N/A I can</p> <ul style="list-style-type: none"> generate an idea through a design. select the appropriate tools to cut and join materials (support if needed). accurately evaluate my final model against my original design. 	<p>Topic Name: Electronic Quiz I can</p> <ul style="list-style-type: none"> use my knowledge of electrical circuits to design a Viking quiz game independently. make a working electronic quiz using wires, a battery and a bulb. evaluate my finished product against my original design criteria.
	Spring	<p>Topic Name: Food Technology- Soup I can</p> <ul style="list-style-type: none"> choose an appropriate target audience for my product. select a range of ingredients to make my product and use cooking skills and techniques to prepare them, with some support. ensure my product is balanced and healthy. 	<p>Topic Name: Food Technology- Soup I can</p> <ul style="list-style-type: none"> choose an appropriate target audience for my product and explain why my product is appropriate for them. select a range of ingredients to make my product and use cooking skills and techniques to prepare them independently. ensure my product is balanced and healthy, relating this to the eatwell plate. 	<p>Topic Name: Boat Building Big Question: I can</p> <ul style="list-style-type: none"> create a labelled design for a boat. make a boat following a design and test its efficiency with support. evaluate my boat based against the original design. 	<p>Topic Name: Boat Building Big Question: I can</p> <ul style="list-style-type: none"> create a labelled design for a boat including measurements. make a boat following my design and test its efficiency. evaluate my boat based against model against and referring to my original design explaining the challenges I faced and what I would improve.
	Summer	<p>Topic Name: Mechanical Systems Big Question: Can you design and make a greeting card (Father's day card) with a lever or linkage? I can</p> <ul style="list-style-type: none"> decide on the purpose of my product and write a design criteria with support. create a prototype of my product and with support make improvements. use a range of techniques to make the product. 	<p>Topic Name: Mechanical Systems Big Question: Can you design and make a greeting card (Father's day card) with a lever or linkage? I can</p> <ul style="list-style-type: none"> decide on the purpose of my product and write a clear design criteria including the product, user and purpose. create a prototype of my product and make improvements. successfully use a range of techniques to make the product. 	<p>Topic Name: Food Tech Big Question: How can we make a nutritious pizza I can</p> <ul style="list-style-type: none"> evaluate existing pizzas to help me generate my own healthy design using information from research. create my own pizza using ingredients and recipes. evaluate my product against my original design idea. 	<p>Topic Name: Food Tech Big Question: How can we make a nutritious pizza I can</p> <ul style="list-style-type: none"> evaluate existing pizzas to help me generate my own healthy design using information from independent research. create my own pizza using ingredients and recipes considering presentation of my pizza. evaluate my product against model against and referring to my original design explaining the challenges I faced and what I would improve.

Belonging, Courage, Curiosity, Kindness, Perseverance, Respect

Growing Minds, Kind Hearts, Rooted in Love

'Rooted and Grounded in Love' (Ephesians 3:16)