

CURRICULUM PLAN – 2023/24 Beckfoot Allerton

CYCLE 1	YEAR 1	YEAR 2	YEAR 3	YEAR 4	YEAR 5	YEAR 6
WHEN	Summer 1 2 week project 20 th Mar & 17 th Apr	Spring 1 3 week project 3 rd Jan - 17 th Jan	Autumn 1 3 week project 4 th Oct - 18 th Oct	Autumn 2 3 week project 29 th Nov - 13 th Dec	Autumn 2 3 week project 8 th Nov – 22 nd Nov	Autumn 1 4 week project 6 th Sept to 27 th Sept
School Focus	The Great Fire of London	Comparing Countries in the UK	Prehistoric Britain	Rivers	Slums	Industrial Revolution
PROJECT	Free standing Tudor House	Animal Habitat	Catapult	Automaton	Etched LED Night Light	Motorised Buggy
DRIVER	S / M / E / F / T	S / M / E / F / T	S / M / E / F / T	S / M / E / F / T	S / M / E / F / T	S / M / E / F / T
DT Cycle Focus	<ul style="list-style-type: none"> - Generate ideas - Use a range of tools (safely) - Strong, stiff and stable structure 	<ul style="list-style-type: none"> - Design criteria - Generate ideas - Use a range of tools (safely) - Evaluate existing products - Strong, stiff and stable structure 	<ul style="list-style-type: none"> - Design criteria - Use a range of tools (safely) - Range of materials - Complex structure - Mechanical systems 	<ul style="list-style-type: none"> - Design criteria - Use a range of tools (safely) - Range of materials - Complex structure - Mechanical systems 	<ul style="list-style-type: none"> - Design criteria - Generate ideas - Computers to research - Existing products - Use a range of tools (safely) - Range of materials - Electrical circuit 	<ul style="list-style-type: none"> - Design criteria - Generate ideas - Existing products - Use a range of tools (safely) - Electrical circuit
Skills	<ul style="list-style-type: none"> - Cutting - Joining - Shaping - Finishing 	<ul style="list-style-type: none"> - Cutting - Joining - Shaping - Finishing 	<ul style="list-style-type: none"> - Cutting - Joining - Shaping - Finishing - Mechanisms (hinge, lever, pivot) 	<ul style="list-style-type: none"> - Cutting - Joining - Shaping - Finishing - Mechanisms (eccentric cam) 	<ul style="list-style-type: none"> - Cutting - Joining - Shaping - Finishing - Electrical circuit - Power source 	<ul style="list-style-type: none"> - Cutting - Joining - Shaping - Finishing - Electrical circuit - Power source - Graphic design - Mechanisms (pulley, wheels, axles)

S = STRUCTURAL / M = MECHANICAL / E = ELECTRICAL / F = FOOD & NUTRITION / T = TEXTILES

CURRICULUM PLAN – 2023/24 Beckfoot Allerton

CYCLE 2	YEAR 1	YEAR 2	YEAR 3	YEAR 4	YEAR 5	YEAR 6
WHEN	Summer 2 2 week project 15 th May – 22 nd May	Summer 1 3 week project 24 th Apr – 8 th May	Spring 1 3 week project 24 th Jan - 7 th Feb	Summer 1 3 week project 5 th Jun – 19 th June	Spring 2 4 week project 21 st Feb – 13 th Mar	Summer 2 4 week project 26 th Jun – 17 th Jul
School Focus	Pocahontas	Travel and transport	Prehistoric Britain	Vikings	Medieval Monarchs	20 th century conflict
PROJECT	Moving creatures	Moving vehicle with trailer	Prehistoric creatures (pneumatics)	Viking long boat	Lockable medieval money chest with 'tapestry' lid	Anderson Shelter with LED light
DRIVER	S / M / E / F / T	S / M / E / F / T	S / M / E / F / T	S / M / E / F / T	S / M / E / F / T	S / M / E / F / T
DT Cycle Focus	<ul style="list-style-type: none"> - Design criteria - Use a range of tools (safely) - Range of materials - Moving structure - Mechanical systems 	<ul style="list-style-type: none"> - Design criteria - Use a range of tools (safely) - Range of materials - Moving structure - Mechanical systems 	<ul style="list-style-type: none"> - Design criteria - Use a range of tools (safely) - Range of materials - Complex structure - Mechanical systems 	<ul style="list-style-type: none"> - Design criteria - Use a range of tools (safely) - Evaluate existing products - Range of materials - Complex structure - Mechanical systems 	<ul style="list-style-type: none"> - Design criteria - Use a range of tools (safely) - Evaluate existing products - Range of materials - Complex structure - Textiles 	<ul style="list-style-type: none"> - Design criteria - Generate ideas - Key individuals / events in history - Use a range of materials - Electrical circuit - Computer to programme – Micro:Bit
Skills	<ul style="list-style-type: none"> - Cutting - Joining - Shaping - Finishing - Mechanisms (wheels and axles) 	<ul style="list-style-type: none"> - Cutting - Joining - Shaping - Finishing - Mechanisms (wheels and axles) 	<ul style="list-style-type: none"> - Cutting - Joining - Shaping - Finishing - Mechanisms (hinge, lever, pivot) 	<ul style="list-style-type: none"> - Cutting - Joining - Shaping - Finishing - Mechanisms (cams) 	<ul style="list-style-type: none"> - Cutting - Joining - Shaping - Finishing - Mechanisms (hinge, dowel lock) 	<ul style="list-style-type: none"> - Cutting - Joining - Shaping - Finishing - Electrical circuit - Power source - Graphic design - Use of Micro:Bit

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