

Church Walk Primary School DT Scheme of Work

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Newlands Cycle	Year 3 / 4	Cycle B	Year 3	Year 4	Key Assessment Criteria
	Autumn	Spring	Summer		
Focus	Making Viking Longboats  Making Torches	 Make a bag for Ivan from the Ice Palace	Greek mask making  Greek Food	• I prove that my design meets some criteria • I can follow a step-by-step plan, choosing the right equipment and materials • I can design a product and make sure that it looks attractive • I can choose a material for both its suitability and its appearance • I can select the most appropriate tools and techniques for a given task • I can make a product which uses both electrical and mechanical components • I can work accurately to measure, make cuts and make holes • I use ideas from other people when I am designing	
Resources					
Curriculum links	History : The Vikings Literacy: Anthony Browne Science: Electricity	Literacy	History: The Greeks		
Skills	-Using research and making a plan according to criteria -Use different joining and cutting methods related to paper, card and a range other	-Investigating functions of bags (sturdiness; waterproofing) Additional features eg pockets, length of handles Attaching techniques	-Making a plan according to criteria - use different types of design (annotated sketches, cross-sectional and exploded diagrams, prototypes) -Use different joining		

	materials - Use construction kits - Understand ways in which to make structures stable (free standing) - decorative techniques -accurate cutting, measuring and folding - appropriate for its purpose / user - teamwork in problem solving - construct simple electrical circuits and switches - Evaluate product carrying out tests		and cutting methods related to paper, card and a wider range of other materials - Use construction kits - Understand ways in which to make structures stable (free standing) - Folds and flaps - decorative techniques -accurate cutting, measuring and folding - - teamwork in problem solving - construct simple electrical circuits and switches - Evaluate product carrying out tests	• I produce a plan and explain it • I evaluate and suggest improvements for my designs • I evaluate products for both their purpose and appearance • I explain how I have improved my original design • I present a product in an interesting way • I measure accurately • I persevere and adapt my work when my original ideas do not work • I know how to be both hygienic and safe when using food
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