

ALDER COPPICE PRIMARY SCHOOL UNIT INFORMATION

SUBJECT: DT		YEAR 1	FOCUS: Construction	SPRING TERM UNIT 2: Structures	
Knowledge Focus	Design	Make	Technical Knowledge	Evaluate	
National Curriculum Knowledge	<ul style="list-style-type: none"> design purposeful, functional, appealing products for themselves and other users based on design criteria. generate develop, model and communicate their ideas through talking, drawing, templates, mock-ups and, where appropriate, information and communication technology. 	<ul style="list-style-type: none"> select from and use a range of tools and equipment to perform practical tasks such as cutting, shaping, joining and finishing. select from and use a wide range of materials and components, including construction materials, textiles and ingredients, according to their characteristics. 	<ul style="list-style-type: none"> build structures, exploring how they can be made stronger, stiffer and more stable. explore and use mechanisms, such as levers, sliders, wheels and axles, in their products. 	<ul style="list-style-type: none"> explore and evaluate a range of existing products. evaluate their ideas and products against design criteria. 	
Year 1	What Pupils will Know: <ul style="list-style-type: none"> To know how to use templates to mark out shapes To know what a freestanding structure is To know why free-standing structures, need to be strong rigid and stable To know how to join and attach materials fixed or with simple movement (hinge split pin) Know how to create a simple plan and explain it To know how to join and shape some materials To know some ways to make structures stronger 				