

# ALDER COPPICE PRIMARY SCHOOL UNIT INFORMATION

SUBJECT: DT		YEAR 1	FOCUS: Mechanics	AUTUMN TERM UNIT 1: <b>Mechanics</b>	
Knowledge Focus	Design	Make	Technical Knowledge	Evaluate	
<b>National Curriculum Knowledge</b>	<ul style="list-style-type: none"> <li>design purposeful, functional, appealing products for themselves and other users based on design criteria.</li> <li>generate develop, model and communicate their ideas through talking, drawing, templates, mock-ups and, where appropriate, information and communication technology.</li> </ul>	<ul style="list-style-type: none"> <li>select from and use a range of tools and equipment to perform practical tasks such as cutting, shaping, joining and finishing.</li> <li>select from and use a wide range of materials and components, including construction materials, textiles and ingredients, according to their characteristics.</li> </ul>	<ul style="list-style-type: none"> <li>build structures, exploring how they can be made stronger, stiffer and more stable.</li> <li>explore and use mechanisms, such as levers, sliders, wheels and axles, in their products.</li> </ul>	<ul style="list-style-type: none"> <li>explore and evaluate a range of existing products.</li> <li>evaluate their ideas and products against design criteria.</li> </ul>	
<b>Year 1</b>	Pupils will: <ul style="list-style-type: none"> <li>Know that a mechanism adds movement to a product</li> <li>Know how a slider and lever works</li> <li>Know the technical knowledge linked to these mechanisms</li> </ul>				