

ALDER COPPICE PRIMARY SCHOOL UNIT INFORMATION

SUBJECT: DT		YEAR 2	FOCUS: Mechanics	SPRING TERM UNIT 2: Mechanics - axles	
Knowledge Focus	Design	Make	Technical Knowledge	Evaluate	
National Curriculum Knowledge	<p>Be able to think of an idea based on simple criteria and plan what to do next</p> <p>To be able to explain why they have chosen specific materials</p>	<p>To know how to use tools and select materials explaining why they have chosen them</p> <p>To know how to join materials and components in different ways</p> <p>To know how to measure or weigh materials/ ingredients to be used in a product</p>	<p>To know how wheels and axles work</p> <p>To know what resources will make a model stronger and more stable</p> <p>To know and use technical vocabulary linked to the project</p>	<p>Describe how something works</p> <p>Explain what has worked well and not so well in relation to the design purpose</p> <p>Talk about possible changes they could make</p>	
Year 2	<p>What Pupils will Know:</p> <p>Wheels/axles</p> <ul style="list-style-type: none"> To know what is an axle and how they work To know the difference between free and fixed axles To know what a wheel mechanism is To know what a chassis is To name a famous car developer <ul style="list-style-type: none"> To know how to use ideas to plan a product and explain material choices To know that axles provide movement and how they work 			 	