## **ALDER COPPICE PRIMARY SCHOOL UNIT INFORMATION**

SUBJECT: DT				TUMN TERM  T 1: Structures		
Knowledge Focus	Design	Make		Technical Knowledge		Evaluate
National Curriculum Knowledge	<ul> <li>use research and develop design criteria to inform the design of innovative, functional, appealing products that are fit for purpose, aimed at particular individuals or groups.</li> <li>generate, develop, model and communicate their ideas through discussion, annotated sketches, cross-sectional and exploded diagrams, prototypes, pattern pieces and computer-aided design.</li> </ul>	finishing, accurately • select from and range of ma components, construction material	equipment to asks, such as joining and .  use a wider terials and including als, textiles and ding to their	to strengthen, s more complex s • understand a	nd use mechanical r products, such as	
Year 5	<ul> <li>What Pupils will Know:</li> <li>To know the different types of bridges</li> <li>To know that trusses and arches strengthen bridges</li> <li>To know that pillars, beams and suspension are used to span large distance gaps</li> <li>To know key facts about two famous bridge inventors</li> </ul>					Compression