



D&T Mechanisms		
Progression	End of Unit Assessment Outcomes	
D&T Prior and Future Learning: Y1/2 Year A- Why Were Castles Built In Britain? Y1/2 Year B- How Do We Grow A Healthy Plant? Y3/4 Year A- How Have The Pennines Affected Land Use? Y3/4 Year B- How Does The Geography Of The Mediterranean Affect Economic Activity? Y5/6 Year B- What's Our Place In The Solar System?	<u>Year 5</u> Use their understanding of mechanical systems to create a functional product. Explain how mechanical systems used within their finished products work.	<u>Year 6</u> Use their understanding of mechanical systems to create a functional product. Explain how mechanical systems used within their finished products work.
Key Vocabulary for the Unit		
D&T Specific Vocabulary: Aesthetic Exploded diagram Function Prototype Assembly Component	Mechanism Mechanical Mechanical systems Linkage	
End of Unit Assessment Vehicle		
Final designed product and accompanying evaluation.		
D&T Disciplinary Knowledge		
1. Design: Use research to develop criteria to inform the design of products that are fit for purpose, aimed at particular individuals or groups. 2. Make: Select from and use a wider range of tools and equipment to perform practical tasks [for example, cutting, shaping, joining and finishing], accurately. 3. Evaluate: Evaluate their ideas and products against their own design criteria and consider the views of others to improve their work. 4. Food Specific: Understand seasonality and know where and how a variety of ingredients are grown, reared, caught and processed, cooking with a range of these ingredients.		