



Subject	Design & Technology
Year Group	Year 1
Knowledge Essential facts (Directly correlating to NC document) Key vocabulary / technical terms	
<u>Children will know:</u> <ul style="list-style-type: none">• What examples of different products look like and whether they are suitable for their purpose and audience.• How examples of products are suited to their particular setting.• The names of a range of different tools, materials and equipment and how and when to suitably use them.• How to use a range of different tools, materials and equipment safely.• The names of a range of different joining products and how and when to suitably use them.• What examples of different structures look like and the materials used to build them.• What makes a structure stronger or weaker.• Which materials are strong and weak.• The names of a range of moving mechanisms, what they look like and how and when to use them.• How to follow step by step instructions to design a functional product.• How to invent a purposeful item by drawing upon previous knowledge of designing products.• How to discuss their inventions and those of their peers.• How to discuss changes needed to an original design and potential adaptations for future purposes.• The similarities and differences of their own art work in comparison to that of famous artists.	