



End of an 8 Week Carousel Rotation



Clock assembly : from decorating the face with sticky vinyl or acrylic paint. Correct procedure for mechanism and components.

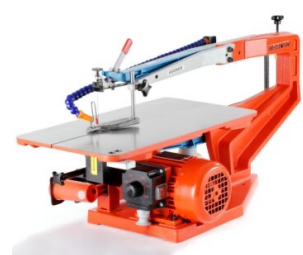


Create numerals : CAD CAM can be used to create the numerals from acrylic or timber . Students use the laser cutter.

NC Link: Select from a complex range of Materials, components

NC Link: Select appropriate tools, techniques and processes

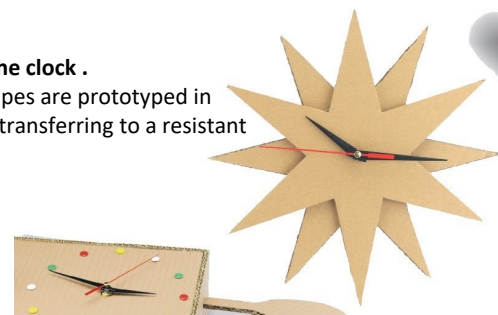
Skills check Students use the scroll saws to cut out the clock faces and any intricate components.



Designing the Aesthetic Having researched , Students create the imagery and layout of their clock face .



Modelling the clock . Detailed shapes are prototyped in card before transferring to a resistant material.



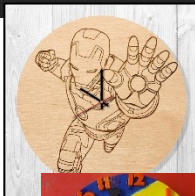
Processes: Understanding the materials and processes for creating the numerals for their clocks .

NC Link: Using maths and measuring skills to create a template for the clocks numerals .

MY SPECIFICATION	MY SIGNATURE:
My Product Specification is written below. It is a check list that will help me develop my product. It has been checked, and agreed with my client/customer.	CLIENT SIGNATURE:
TARGET MARKET:	
FUNCTIONS:	
MATERIALS:	
ERGONOMICS/ OVERALL SIZE:	
MANUFACTURING PROCESSES AND QUANTITY:	
EQUIPMENT / TOOLS - REQUIREMENTS:	
MAINTENANCE REQUIREMENTS:	
PRODUCT LIFE SPAN AND LIFE CYCLE:	
AESTHETIC APPEARANCE (SHAPE, COLOUR, TEXTURE):	
QUALITY ASSURANCE:	
QUALITY CONTROL:	
COST:	
TIME SCALE AND PLANNING:	
HEALTH AND SAFETY:	

Specification : students create and understand why a product needs a specification . Then identify some of the crucial points to making a Functioning clock.

NC Link: Constructive peer assessment , identifying advantages and disadvantages. Processes and Materials.



Product analysis Study and exploration of current clock design and looking at peer assessment of other students work.



National Curriculum Link

Time telling devices Researching the historical context of time and how people have told the time in the past.

