

Ideas For an Interesting and Unique Clock

- Consider Appropriate Clock Shapes
- Various Animals
- Characters from Books or Film
- Sport/Music
- Shapes for the number digits – How many? 4? 12? None?
- Colours – Bright? – Pastel?

Designing and Making a Unique Acrylic Clock



Year 7 Design & Technology

Skills - Marking and Cutting out Acrylic. Using a coping saw to cut and a metal file to shape and smooth the edges.

Use a permanent marker to mark the shape you wish to cut.

Make sure you grip the acrylic low in the vice.
Cut the acrylic with a smooth action.



Use the metal file to correct any shapes where cutting may have gone a little off course.

Use the metal file to ensure that all edges are smooth.

Try to avoid scratching the main surfaces of the acrylic.

Keywords

Acrylic
Clock Movement
Woodwork Vice
Coping Saw
Metal File

Words and Definition

Design Specification – What your product will be and what it will do.
Evaluation – Testing and deciding how good your final result (product) is.

Market research

Gathering information about consumer's needs and preferences.

Initial Designs -

A number of drawings to develop ideas.

Final Design -

A careful drawing of the product to be constructed showing colours and detail.

Evaluating Results

Does the product function well as a clock?

- Does it work well aesthetically?
- Are the colours carefully coordinated?
- Is the theme or pattern interesting?
- Is it easy to read from a range of distances?
- Are the acrylic parts of the clock cut to the shapes intended on the design?
- Are the parts smoothed and finished to a good standard?