

Using a glue gun safely

- Do not touch the hot nozzle or glue.
- Do not pull glue sticks out of the gun once it is plugged in and the glue has begun to melt.
- Always wear Goggles when using the glue gun.



Creating a model Fairground Carousel – Furnishing the Carousel Section

- Think about some light weight throw away objects (bottle tops, straws etc.) which could be adapted and combined with cardboard to make seats, animals or vehicles for your carousel.
- Consider shapes and colours to decorate your carousel and make it more appealing and eye catching for possible customers.
- Furnish and decorate your carousel making sure that you distribute the weight evenly – Avoid making your carousel too heavy on one side!



Year 5 Design & Technology

Skills - Measuring, Marking and Cutting Wood for the base Framework

Measure carefully and mark each piece of wood according to the 'specification diagram'.

Mark a line at the correct measurement on three sides of the wood, using a try square to make sure your lines are at 90 degrees.

Grip your wood onto the wooden mat using a G Clamp placed upside-down.

Cut accurately using the Tenon Saw – Ensure that you are following the two vertical guide lines as well as the horizontal line.

Sand the rough ends of the wood down as well as smoothing down the sides a little.

Use the 'specification diagram' to match the angles and correct placement of each piece of wood, before gluing the frame together.



Keywords

Measuring, Marking, Try-Square, G-Clamp, Tenon Saw, Sandpaper, Circuit, Electric Motor.

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 customers 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

How well does the carousel run when you connect a battery?



How well do you think this Product is made?

Do you think the choice of theme, colours and decoration have been successful?