Design and Technology - Knowledge

Year 5 – Fairground

Key vocabulary

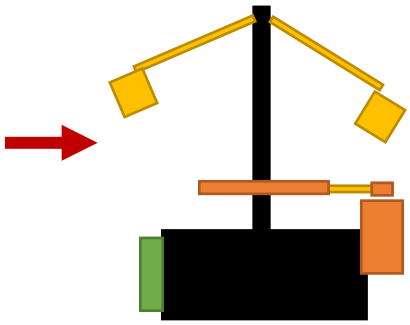
- Circuit
- Motor
- Rotate
- Spin
- Pulley
- Battery
- Switch
- Join
- Fasten
- Stability
- Reinforce

Fairground rides

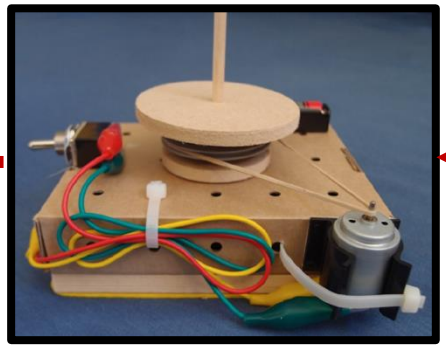
Design brief

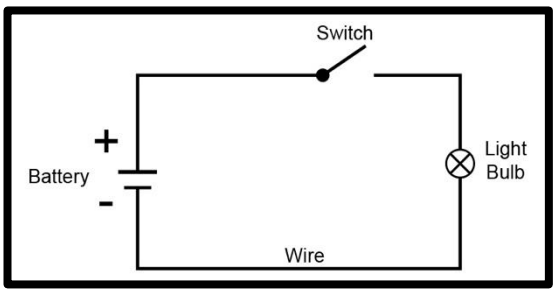
Design, make and evaluate a fairground ride that could be used at a summer fairground to thrill and entertain visitors.











Skills

Design

- I can come up with a range of ideas after I have collected information.
- I can use cross sectional planning to show my design.
- I can produce a detailed step by step plan.
- I can check that my design is the best it can be.

Make

- I can use a range of tools and equipment expertly.
- I can think about the functionality of my work.
- I can measure accurately enough to ensure that everything is precise.
- I can ensure that a product is strong and fit for purpose.
- I can join materials in different ways, and choose the most suitable one for my project.

Evaluat

- I can explain how my product will appeal to the audience.
- I can test and evaluate the final product.
- I can practice my evaluation skills by evaluating existing products.
- I can say how a product meets the design brief.
- I can check whether anything could be improved and state why.