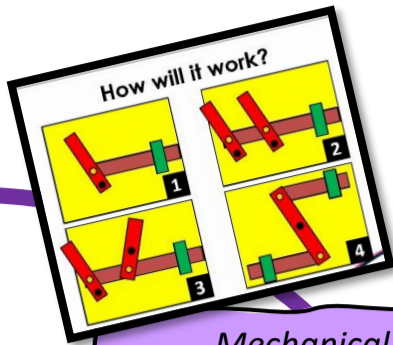


Year 4

Electrical Systems

Circuits, switches, programming and control.

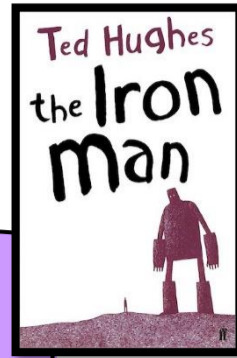
Design and make working Lighthouses



Mechanical Systems

Levers and linkages.

Design and make a moving robot 'Iron Man'.



Design

Food

Healthy and varied diets. Prepare food safely to make a Pizza!



Make

Year 5

Food

Celebrating culture and seasonality.

Explore and make food from South America.



Evaluate

Tools



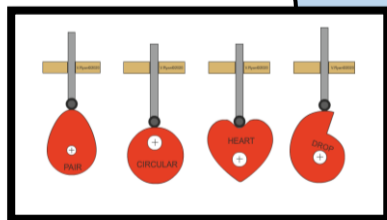
Textiles + CAD

Design bags suitable for a long journey. Stitch and join pattern pieces.



Mechanical Systems

Cut and join with accuracy to create mechanisms with cams linked to Forces in Science.



Year 6

Electrical Systems

Complex circuits, switches and monitoring and control

Renewable energy – Wind turbines!

Structure

Purpose

Structures

Frame structures

Build solid shape structures using techniques for strengthening.

Materials



Textiles

Combining fabric using a variety of joining methods

'Make do and Mend' – linked to WW2



Explore

