

Curriculum. Design & Technology

Year 8 (Saturday 60, 60, 80)

Michaelmas Term

ELECTRONICS

- Revise basic components, resistor, capacitor , diode
- Explore standard circuits
- Design and Make a flashing card using a membrane or lever switch.
- Draw circuit on computer
- FPT, DMA

Lent Term

PNEUMATICS & HYDRAULICS

- Establish the definitions, look at examples in common use
- Revise mechanisms
- Design and Make a mechanism operated by a hydraulic system incorporating work covered in earlier years

Summer Term

- Continue work from Lent term to produce a final quality item
- Add a Powerpoint presentation