

Electromagnetism by Gareth Jones

Magnets

- North and South Pole
- $N > < S$
- $N < > N$
- $S < > S$
- The earth has its own magnetic field because there is a lot of iron in the core of the earth. It is a very dense liquid.
- Magnets are made out of iron and steel

Applications

- Fridge doors use magnets
- Car cranes use powerful electronic magnets to lift up cars
- To sort cans for recycling
- Magnetic fishing game
- Cassette tapes, hard disks and other magnetic media
- Credit card and smart card strips
- Security doors