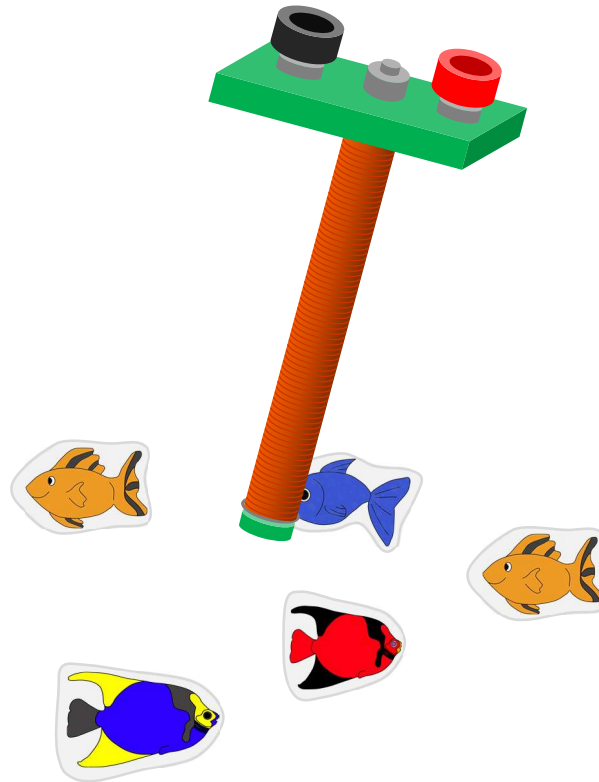


Electromagnet fishing



Introduction





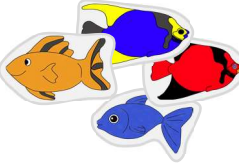
An electromagnet is a type of magnet in which a magnetic field is produced by an electric current. The magnetic field can disappear when the current is turned off. An electromagnet is usually made of a coil of wire that is wound around an iron core and will become magnetised when a current is supplied. The amount of magnetic field generated can be varied by varying the amount of current supplied.

This experiment allows students to see the effect of a device becoming magnetised when an electric current is applied. A fun activity such as a fishing competition can also be introduced to engage the students.

Electromagnet fishing



Materials Supplied

	Name	Picture	Qty
1	Single Battery Holder		2
2	Switch Module		1
3	Electromagnet Module		1
4	Wire Connectors		3
5	Fish Magnet		5

Materials Required (Items that are not included)



2 x 1.5 Volts AA Battery