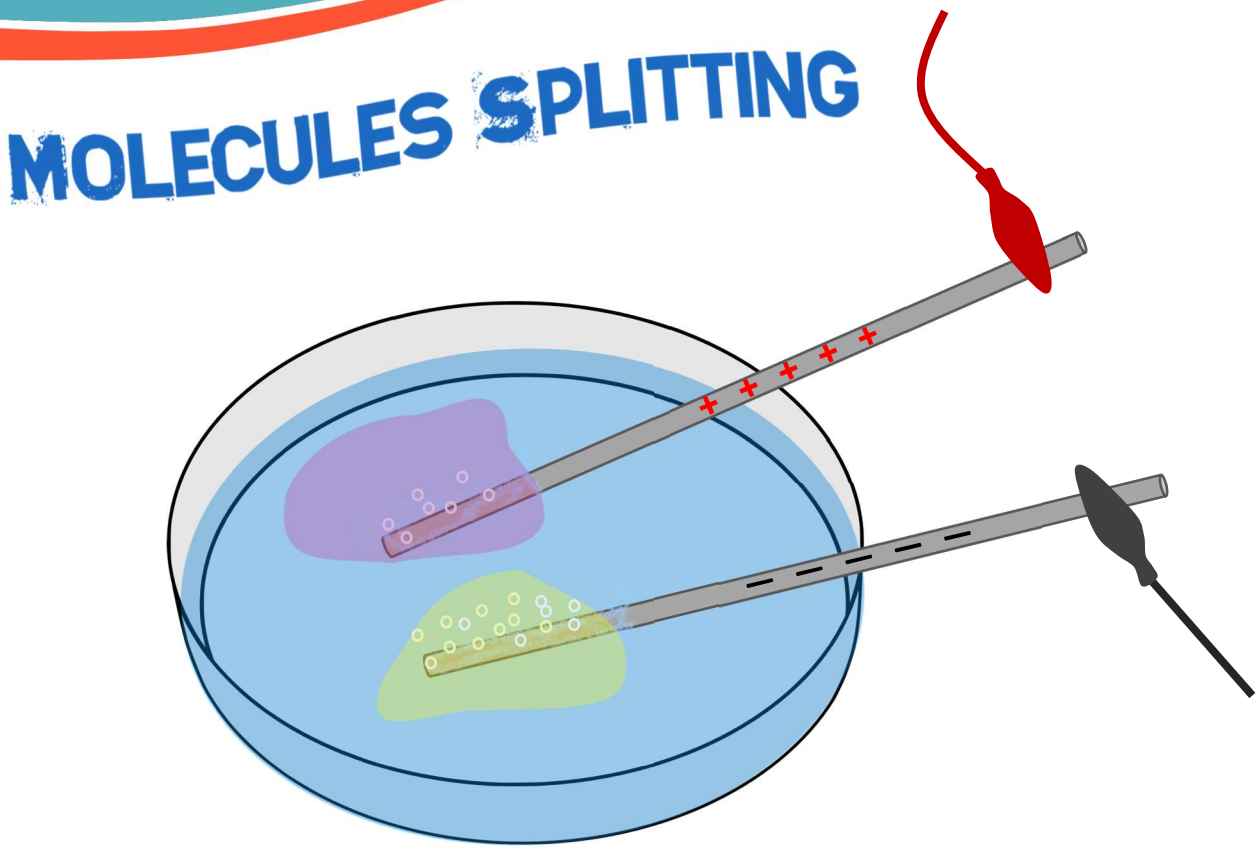
Electrolysis



Introduction

Electrolysis is the process of using an electric current to separate the substances. Liquids such as water, is scientifically known as H_2O because it is made up of 2 x Hydrogen and 1 x Oxygen. These molecules can be separated by using an electric current. Once the molecules have been separated, their status would then change to gas which produces Hydrogen and Oxygen as a result.

This experiment allows students to see how Hydrogen and Oxygen gases can be extracted from water through the electrolysis process. Students will also see the results of the chemical reaction causing the water that usually has pH balance to turn acidic and alkaline.

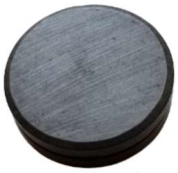
Electrolysis

Materials Supplied

	Name	Picture	Qty
1	Switch Module		1
2	Battery Connector		1
3	Metal Probes		2
4	Probes Holder		1
5	Crocodile clips (colours may vary)		3
6	Plastic Dish		1
7	Liquid Indicator		1

Materials Required (Items that are not included)

1 x 9 Volt Battery



1 x Magnet
(for optional task)