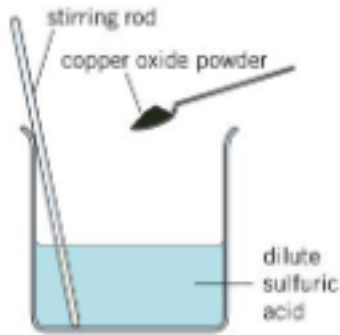


universal indicator  
 salt  
 pH scale  
 neutralisation  
 neutral  
 litmus  
 indicator  
 dilute  
 corrosive  
 concentrated  
 base  
 alkali  
 acid  
 Key terms  
 Make sure you can write definitions for these key terms.

React an acid and a base



Assessment & Review



- HCl – hydrochloric acid
- HNO<sub>3</sub> – nitric acid
- H<sub>2</sub>SO<sub>4</sub> – sulfuric acid

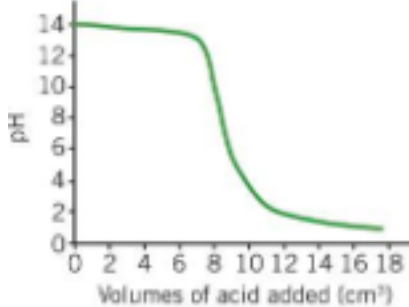
How can we make salt crystals

Making Salts

Practical activity, scientific enquiry.

What are salts?

- hydrochloric acid is a chloride maker
- sulfuric acid is a sulfate maker
- nitric acid is a nitrate maker.



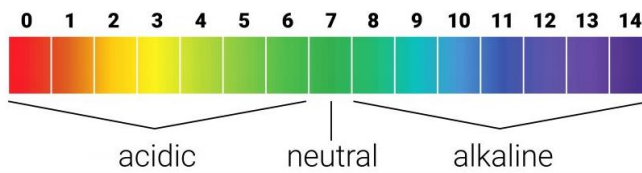
▲ Indigestion tablets neutralise stomach acid.

Neutralisation

Describing the reactions between acids and alkalis to produce a salt and water

The pH scale is a measure of how acidic or alkaline something is.

The pH scale



Acidic?  
Alkaline?  
Neutral?

Indicators and PH

Classifying and quantifying acids and alkalis

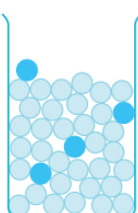
Acids and alkalis are **corrosive**  
This means that they can cause burns if they get on your skin.



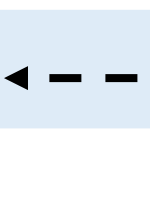
Hazards of acids and alkalis



dilute



concentrated



Concentrated and dilute

Acids & Alkalis

Discovering common acids and alkalis and their properties

Retrieve:  
C1.1 Particles,  
C1.2 compounds,  
C1.3 Reactions