Beckfoot

Science	Acids and Alkalis	Year 7

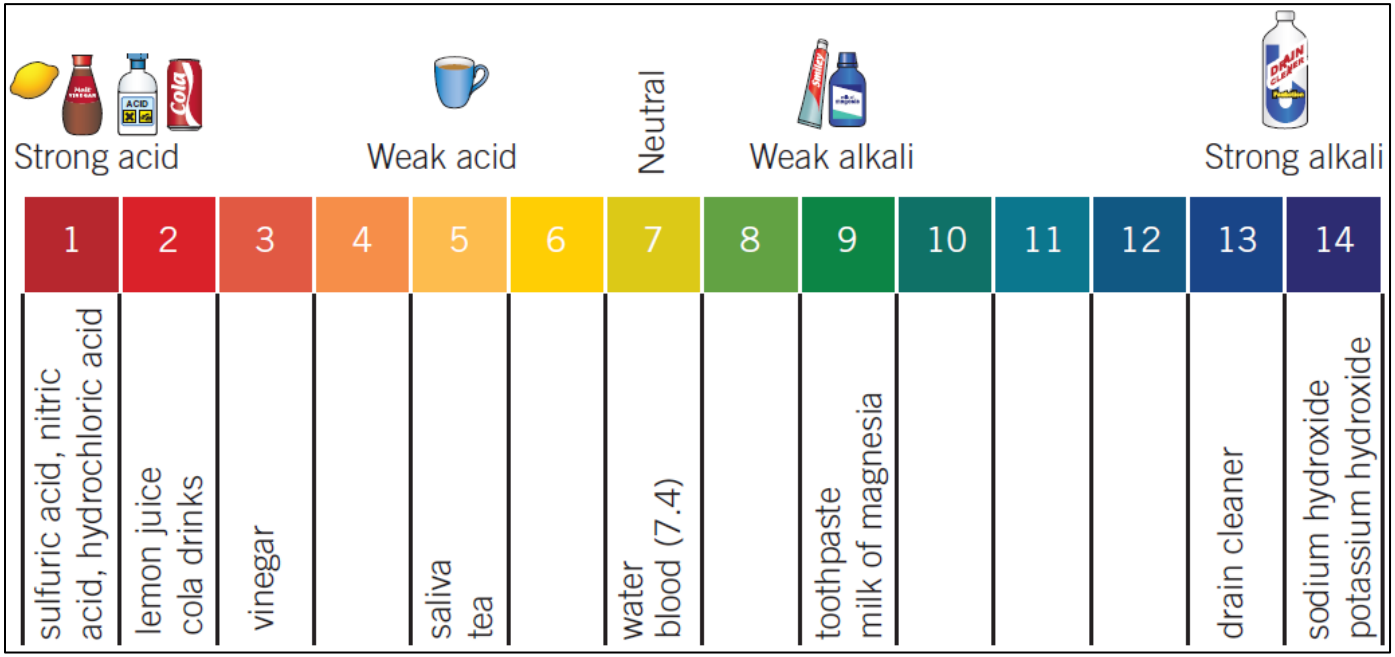
enjoy learn succeed

Acids and alkalis

Solution	pH range	Example
Acid	Below 7	Hydrochloric acid Sulfuric acid Ethanoic acid
Alkali	Above 7	Sodium hydroxide Potassium hydroxide Calcium hydroxide
Neutral	7	Water

Naming salts

Acid	Name of salt
Hydrochloric acid	Chloride
Sulfuric acid	Sulfate
Ethanoic acid	ethanoate
Citric acid	citrate



Key Vocabulary

1	**Acid**	A solution with a pH below 7
2	**Base**	A substance which reacts with an acid
3	**Alkali**	A base which has dissolved in water
4	**Neutral**	A solution with a pH of 7
5	**Strong acid**	An acid where all of the particles split up in water
6	**Neutralisation**	The reaction between an acid and a base
6	**Weak**	An acid where only some of the particles split up in water
7	**Concentrated**	A solution that has a lot of particles per volume
8	**Dilute**	A solution that has a small number of particles per volume