YEAR 8 CHEMISTRY

ACIDS & ALKALIS

LAWNSWOOD SCHOOL

PRE ASSESSMENT

PRIOR LEARNING

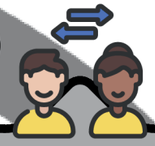
Key Stage 2 Science

- Categorise everyday observations of change.
- Distinguish examples of physical change from chemical changes.
- Explain the appearance of bubbles when bicarbonate of soda reacts with vinegar.

From year 7 topic PARTICLES

- Use observations to determine whether a substance is in solution.
- Recognise that a compound has properties (including solubility) that are distinct from its constituent elements.

Consolidate prior learning



PEER ASSESSMENT

How well can I demonstrate my knowledge of the pH scale?

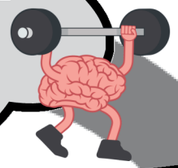
Acids, alkalis and bases

The pH scale and indicators

KNOWLEDGE ASSESSMENT 1

END OF TOPIC ASSESSMENT

KNOWLEDGE ASSESSMENT 2



TEACHER ASSESSMENT

How well can I make and test a pH indicator?

Year 8 topic
METALS & NON-METALS

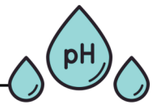
- Metals + acids
- Reactivity of metals

Year 9 topic
CHEMICAL ENERGY

- Exothermic and endothermic
- Conservation of mass

LATER LEARNING

Neutralisation reactions



Reactants and products in word and symbol equations

SELF ASSESSMENT

How well can I carry out and describe a neutralisation reaction?

Writing a method

Making and testing indicators

Working scientifically

- WS 2.2 Plan experiments or devise procedures to make observations, produce or characterise a substance, test hypotheses, check data or explore phenomena.
- WS 2.4 Carry out experiments appropriately having due regard for the correct manipulation of apparatus, the accuracy of measurements and health and safety considerations.