(Year 7 Chemistry)
Learning Journey Map

YEAR 8

- 6. Making Salts
- 8. Thermal Decomposition
- 7. Burning Fuels
- 3. Acids and Alkalis
- 5. Neutralisation
- 4. Universal Indicator and The pH Scale

TOPIC NAME

- 6. Chromatography
- 2. Word Equations
- 1. Chemical Reactions

Topic 3: Chemical Changes Part 1 (Half-term 5)

Working Scientifically: Write word equations to represent chemical reactions, use Indicators and the pH scale to determine pH of a solution, predict salts made during neutralization reactions and predict the products of thermal decomposition reactions.

Maths Skills: Basic numeracy including interpreting chemical formula and balancing symbol equations

- 2. Solutions
- 1. Mixtures
- 5. Evaporation and distillation
- 4. Filtration
- 3. Solubility

Maths Skills: Basic numeracy including interpreting temperature change data and solubility curves.

Topic 2: Properties of Matter (Half-term 3)

Working Scientifically: Filter a mixture, carry out a chromatography experiment, interpret basic chromatograms

- 5. More Changes of State
- 7. Gas Pressure
- 4. Boiling
- 6. Diffusion

TOPIC NAME

- 2. States of Matter
- 3. Melting and Freezing
- 1. The Particle Model

Topic 1: Particle Model (Half-term 1)

Maths Skills: Basic numeracy including interpreting/using melting and boiling point data i. e use data to know if a substance is solid, liquid or gas at room temperature

YEAR 7

TOPIC NAME

- ❑ Content
- ❑ BBC bitesize link KS3
  Chemistry - KS3 Science - BBC Bitesize

Working Scientifically : Draw and interpret particle diagrams to describe and explain: Solids. liquids and gases, changes in state, diffusion and gas pressure and interpret melting and boiling point data.