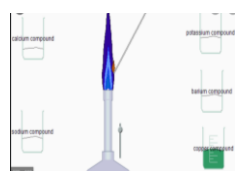
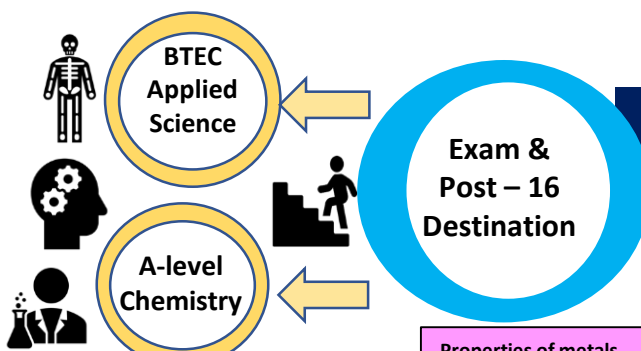
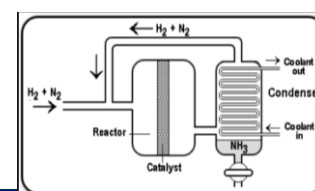


GCSE Chemistry Learning Journey

Assessment:

- Home learning tasks
- Formative assessments within lessons and mid-topic
- Summative end of topic assessments after each topic
- Formal Practice Mock Examinations – June Year 10, December and March of Year 11

AQA Combined Science Trilogy (8464)
AQA Separate Science: Chemistry (8462)



Properties of transition metals. Bulk & surface properties of matter + nanoparticles Yield & atom economy.

Alloys

Properties of metals

Synthetic & naturally occurring polymers.

Polymers

Using materials



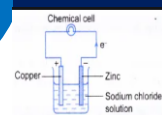
Life cycle assessments and recycling



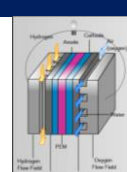
C10 Using resources

YEAR 11

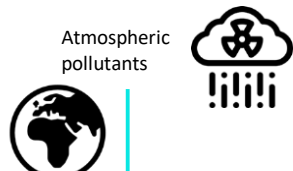
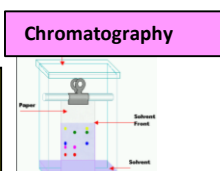
Chemistry Triple



Purity and formulations



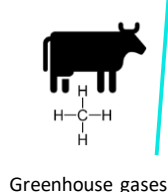
Mixtures



Atmospheric pollutants

C9 Chemistry of the atmosphere

C8 Chemical analysis



Understanding our atmosphere Carbon Cycle and the effect of humans

Evolution of the Earth's atmosphere

Reversible reactions and dynamic equilibrium

Surface area

Temperature

Catalyst

Factors affecting rate of reaction

Concentration



Polymers

Combustion

Alkanes

Alkenes

Combustion

Fractional distillation



YEAR 10

C6 The Rate and Extent of Chemical Change

C5 Energy Changes



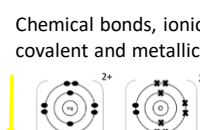
Neutralisation



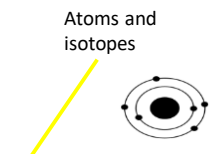
Conservation of mass

States of matter

Properties of matter.



Chemical bonds, ionic, covalent and metallic



Atoms and isotopes

Periodic table

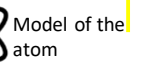
Relative atomic mass

ELC

Combined Year 1

YEAR 9

C1 Atomic Structure and the Periodic Table



Model of the atom

Elements and compounds

Reactions of acids



Forensic Project

Full crime scene investigation



YEAR 8

The periodic table

Separating Technique

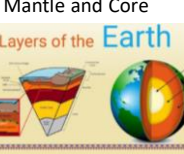
Reactions

Climate

Forensic Project



The three rock layers: Crust, Mantle and Core



Effects of Global Warming



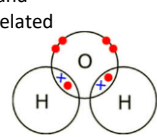
Greenhouse gases



Recognise HAZARD Symbols



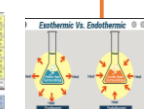
ACIDS & ALKALIS



How bonding and structure are related to properties

Naming compounds

Arrangement and movement of particles solids, liquids and gases



Exothermic vs. Endothermic

Properties of solids, liquids and gases



YEAR 7



Everyone Counts, Everyone Contributes, Everyone Succeeds