Shrewsbury Academy

Assessment & exams End of unit tests

2 x 1hr 45 min exams

Exam practice for each unit

Required practical activities in

Note: there is no coursework

C6 Rates of

reaction

→ →

→

→

lesson

element

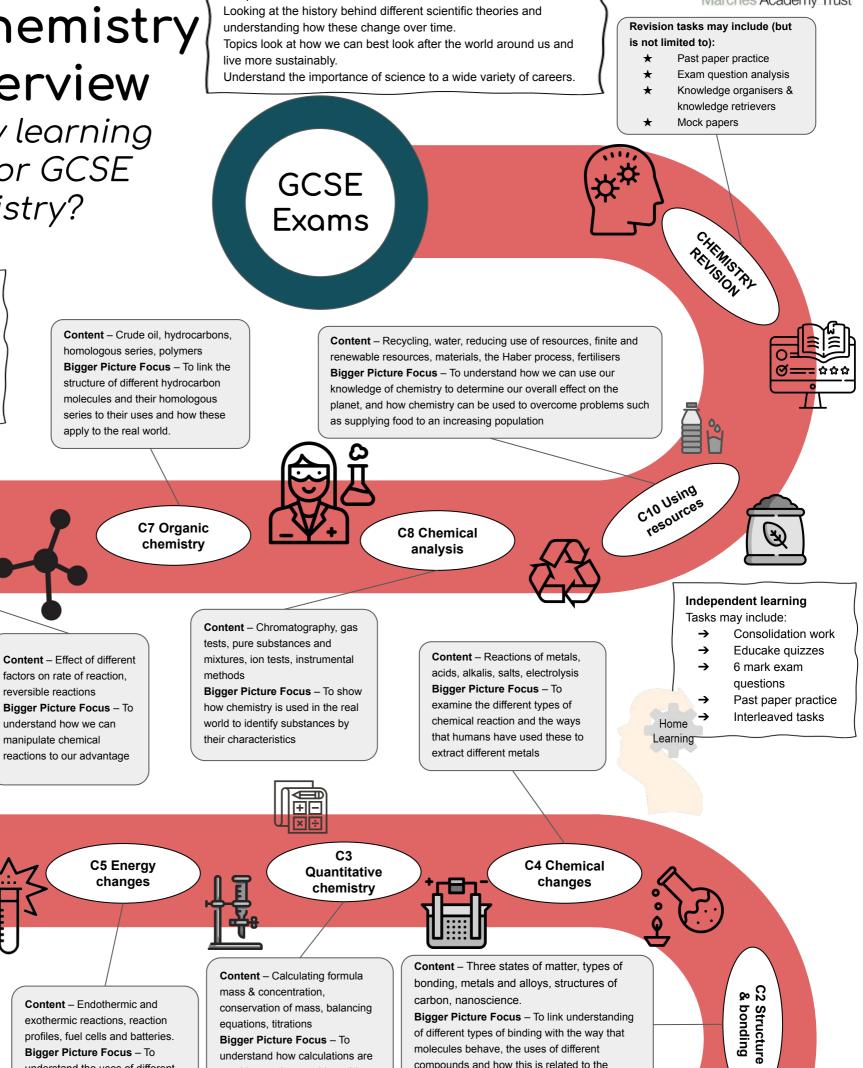
Triple Chemistry KS4 overview

What is my learning journey for GCSE Chemistry?

Applications

Understanding about the elements that make up the world around us, how we can study and separate each of these elements and compounds.

Marches Academy Trust



GCSEPod →

Useful websites

→

→

Year

11

→ Oak Academy

BBC Bitesize

mrrscience.com

- → Educake
- Bigger Picture Focus To understand the uses of different types of chemical reaction in everyday life and how chemistry

Atmosphere

can drive innovation.

Enquiry skills

exothermic reactions, reaction

profiles, fuel cells and batteries.

conservation of mass, balancing equations, titrations Bigger Picture Focus - To understand how calculations are used in reactions and how this applies to industry.

Bigger Picture Focus - To link understanding

of different types of binding with the way that molecules behave, the uses of different compounds and how this is related to the molecular structure

Year

10

Content - Evolution of the atmosphere, atmospheric pollution, the modern atmosphere, human effects. Bigger Picture Focus - To understand how the atmosphere is continually changing, and the impacts of human activities on it.

Year

9

This unit covers some of the key skills that you will use in Science:

The maths skills that are used in science

C1 Atomic

structure

- How to draw and analyse graphs
- Identifying variables
- How to carry out an investigation .
- How to evaluate your work

Content - Periodic table, element, compounds, atomic structure, groups of the periodic table. Bigger Picture Focus - To understand how theories and ideas can change with new evidence, and how evidence may be collected