



### Year 12 Chemistry Mock – June 2025

2 x 1 hour 30 minute papers

Common Content to both papers	R	A	G
Atomic Structure & Isotopes			
Compounds Formulae and Equations			
Amount of substance (moles)			
Acids			
Redox			
Electron structure			
Bonding and structure			
Periodicity			
Group 2			
The Halogens			
Qualitative analysis			
Enthalpy changes			
Reaction Rates			
Chemical equilibrium			
Basic concepts of organic chemistry (nomenclature, functional groups, isomerism, mechanisms)			
Alkanes			
Alkenes			
Alcohols			
Haloalkanes			
Analytical techniques			

Modules refer to the specification: <https://www.ocr.org.uk/Images/171750-specification-accredited-as-level-gce-chemistry-a-h032.pdf>