

Content



Pods



Check & Challenge



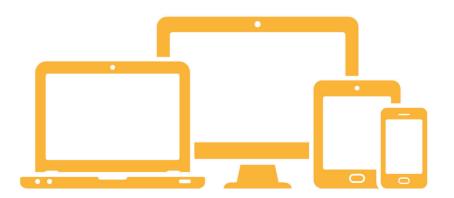
Ready Made Assignment



Additional Resources



In Production





Chemistry

Edexcel

Getting Ready for KS4 (GCSE)

Getting Ready for KS4 (GCSE) Chemistry

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Exothermic & Endothermic Reactions	CHEM-2081		
Getting Ready for KS4 (GCSE)	GRF-01-001		
Representing Chemical Reactions	CHEM-2017		
States of matter	CHEM-2150		
The Periodic Table	CHEM-2008		
Discovery of the Structure of the Atom	CHEM-2009		
Atomic Structure	CHEM-2010		
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Investigate the Variables that Affect Temperature Changes in Reacting Solutions	CHEM-20-012	\triangleright	
Solubility	CHEM-2126		
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Chromatography	CHEM-2086		
Diffusion	CHEM-2153		
Acids and Bases	CHEM-2101		
Investigate the Change in pH on Adding Powdered Calcium Hydroxide or Calcium Oxide to a Fixed Volume of Dilute Hydrochloric Acid	CHEM-20-013	\triangleright	
Making Salts	CHEM-2104		
Displacement	CHEM-2031		
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Group 7: The Halogens	CHEM-2004		
Traditional Extraction Methods	CHEM-2025		
Elements in the Periodic Table	CHEM-2007		
Polymerisation	CHEM-2046	\triangleright	









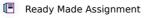
Proportios Of Polymors	CHEM-2047			
Properties Of Polymers The Atmosphere Book and Brosent				
The Atmosphere: Past and Present	CHEM-2054			
Processes that Change the Atmosphere	CHEM-2057			
Acid metal reactions	CHEM-2145			
Climate Change	CHEM-2039			
Scientific Method	SCI-MAT-001			
Lab measurements	CHEM-2155			
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1/Key concepts in chemistry				
The periodic table				
History of the Periodic Table	CHEM-2014			
The Periodic Table	CHEM-2008			
Elements in the Periodic Table	CHEM-2007		\bigcirc	
Atomic structure				
Discovery of the Structure of the Atom	CHEM-2009			
Atomic Structure	CHEM-2010			
Subatomic Particles	CHEM-2011			
Electronic Structure	CHEM-2012			
Isotopes and Relative Atomic Mass	CHEM-2070	\triangleright	\bigcirc	
Calculations involving masses				
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Combining Elements	CHEM-2013			
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Elements and compounds	CHEM-2151			
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Empirical Formulae	CHEM-2072			
Concentration and Solutions	CHEM-2074		\bigcirc	
Covalent bonding				
Atoms and Formula	CHEM-2015		\bigcirc	
Covalent Bonding	CHEM-2063		\bigcirc	
lonic bonding				

Symbol Keys ▶ Pods













	Ionic bonding	CHEM-2060		\bigcirc	
	Formula of Ionic Compounds	CHEM-2061			
	Types of substance				
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	Allotropes of Carbon	CHEM-2066		\bigcirc	
	Simple & Giant Covalent Substances	CHEM-2065		\bigcirc	
	Metallic Bonding	CHEM-2064		\bigcirc	
	Properties of metals	CHEM-2158			
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	Methods of separating and purifying substances				
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	States of matter				
	States of matter	CHEM-2150		\bigcirc	
3/0	Chemical changes				
	Acids				
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	Alkalis	CHEM-2102		\bigcirc	
	Neutralisation	CHEM-2103		\bigcirc	
	Strong & Weak Acids	CHEM-2124			
	Solubility	CHEM-2087	\triangleright	\bigcirc	
	Metal Carbonates	CHEM-2022		\bigcirc	
	Salt	CHEM-2018		\bigcirc	
	Making Salts	CHEM-2104	\triangleright	\bigcirc	
	Titration: Practical Procedure	CHEM-2092		\bigcirc	
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	Electrolysis	CHEM-2095			
	Events at the Electrodes	CHEM-2096	\triangleright		







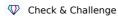


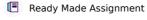


	Uses Of Electrolysis	CHEM-2100			
	Electrolysis of Brine	CHEM-2098			
	Oxides	CHEM-2148			
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4/1	Extracting metals and equilibria				
	Obtaining and using metals				
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	Metals & Ores	CHEM-2024			
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	New Ways of Extracting Copper	CHEM-2026			
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5/9	Separate chemistry 1				
5/9	Separate chemistry 1 Transition metals, alloys and corrosion				
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5/\$	Transition metals, alloys and corrosion Transition Metals The Transition Metals in the Periodic Table Corrosion	CHEM-2003 CHEM-2030		♥♥♥	
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5/5	Transition metals, alloys and corrosion Transition Metals The Transition Metals in the Periodic Table Corrosion Alloys Quantitative analysis Titration Calculations Using Moles Titration Calculations Using Relative Formula Mass Titration: Practical Procedure Percentage Yield and Atom Economy	CHEM-2003 CHEM-2028 CHEM-2134 CHEM-2135 CHEM-2140			
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Symbol Keys

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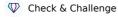




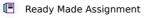
	Fuel cells	CHEM-2156			
	Fuel Cells	CHEM-2127		\bigcirc	
6/0	Groups in the periodic table				
	Group 1				
	Group 1: Alkali Metals	CHEM-2001			
	Reactivity in Group 1	CHEM-2002	\triangleright		
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	Group 7: The Halogens	CHEM-2004	\triangleright		
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7 /I	Rates of reaction and energy changes				
	Rates of reaction				
	Rates Of Reaction & Collision Theory	CHEM-2077			
	Effect of Concentration and Pressure	CHEM-2078		\bigcirc	
	Effect of Temperature & Surface Area	CHEM-2079	\triangleright		
	Measuring Reaction Rates	CHEM-2138			
	Interpreting Rate Graphs	CHEM-2136			
	Catalysts	CHEM-2080		\bigcirc	
	Heat energy changes in chemical reactions				
	Exothermic & Endothermic Reactions	CHEM-2081			
	Bond breaking & bond making	CHEM-2082			
	Measuring Energy Changes	CHEM-2083			
	Calculations Using Bond Energies	CHEM-2137	\triangleright		
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	Fuels				
	Introduction to Organic Chemistry	CHEM-2113		\bigcirc	
	Crude Oil	CHEM-2032			
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Symbol Keys ▶ Pods









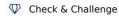




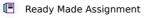


Complete and Incomplete Combustion	CHEM-2035	\triangleright		
Environmental Impact of Burning Hydrocarbons	CHEM-2036	\triangleright	\bigcirc	
Pollution	CHEM-2037			
Reducing Pollution	CHEM-2038			
Alternative Fuels	CHEM-2040			
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Volcanoes and Earthquakes	CHEM-2053			
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Processes that Change the Atmosphere	CHEM-2057			
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Qualitative & Quantitative Analysis	CHEM-2085			
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Formulae, equations and hazards

Formulae, equations and hazards

Representing Chemical Reactions	CHEM-2017	
Chemical Reactions	CHEM-2016	

Chemistry Practicals

Chemistry Practicals

Preparation of a Pure, Dry Sample of Salt from an Insoluble Oxide or Carbonate	CHEM-20-001	\triangleright		
Investigation Into Factors Affecting the Rates of Reactions	CHEM-20-002	\triangleright		
Investigate the Electrolysis of Copper Sulfate Solution with Inert Electrodes and Copper Electrodes	CHEM-20-004			
Determination of the Reacting Volumes of Solutions of a Strong Acid and a Strong Alkali by Titration	CHEM-20-005	\triangleright		
Use of Chemical Tests to Identify the Ions in Unknown Single Ionic Compounds	CHEM-20-006		\bigcirc	
Investigate How Paper Chromatography Can Be Used to Separate and Tell the Difference Between Coloured Substances	CHEM-20-007	\triangleright		
Separation of Liquids by Distillation	CHEM-20-008		\bigcirc	
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Investigate the Change in pH on Adding Powdered Calcium Hydroxide or Calcium Oxide to a Fixed Volume of Dilute Hydrochloric Acid	CHEM-20-013	\triangleright	\bigcirc	

Revision Skills and Tips - Chemistry

Revision Tips

Introduction	REV-001-002-001	
Revising Chemistry	REV-001-002-002	
Discussing Topics with Friends	REV-001-002-003	
Breaking Up Lists	REV-001-002-004	
Being Definite About Definitions	REV-001-002-005	
Summary	REV-001-002-006	
Web Links	REV-001-002-007	

Revision and Study Skills



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Introduction	REV-001-004-001	
Planning for Revision	REV-001-004-002	
Developing Independent Study Skills for Success	REV-001-004-003	
Managing Exam Stress	REV-001-004-004	
Keeping Your Brain Active During Revision	REV-001-004-005	
Summary	REV-001-004-006	
Web Links	REV-001-004-007	
GCSEPod's Top Revision Tips		
GCSEPod's Top Revision Tips	REV-011-001	

Getting Ready for KS5 (A Level)

Getting Ready for KS5 (A Level) Chemistry

Ionic bonding	CHEM-2060		
Ionic Compounds	CHEM-2062		
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Covalent Bonding	CHEM-2063		
Atomic Structure	CHEM-2010		
Electronic Structure	CHEM-2012		
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Subatomic Particles	CHEM-2011		
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Relative Formula Mass and Percentage By Mass	CHEM-2071		
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Concentration and Solutions	CHEM-2074		
Gas Pressure	PHYS-2098		
Percentage Yield and Atom Economy	CHEM-2075		
Simple & Giant Covalent Substances	CHEM-2065		
Bond breaking & bond making	CHEM-2082		
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Alkenes	CHEM-2041		
Alcohols	CHEM-2114		
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