

Ocr Gateway Chemistry B Revision And Classroom Companion Lonsdale Gcse Revision Plus

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Master your OCR Gateway Chemistry B with this comprehensive revision and classroom companion. Designed by Lonsdale specifically for GCSE students, this guide offers essential support and detailed explanations to help you excel in your exams. It's the perfect 'Revision Plus' resource for in-depth understanding and effective exam preparation.

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Ocr Gateway Chemistry B Revision And Classroom Companion Lonsdale Gcse Revision Plus

The whole of OCR Gateway Chemistry topic 2 - Elements, compounds and mixtures. GCSE Revision - The whole of OCR Gateway Chemistry topic 2 - Elements, compounds and mixtures. GCSE Revision by Primrose Kitten Academy | GCSE & A-Level Revision 6,449 views 4 years ago 19 minutes - I want to help you achieve the grades you (and I) know you are capable of; these grades are the stepping stone to your future.

Elements

Periods

Electronic Configuration

Electronic Configuration of Magnesium

Metals

Ionic Bonding

Magnesium Oxide

Sodium

Ionic Compounds

Covalent Bonding

Simple Covalent Compounds

Giant Covalent Compounds

Periodic Table

Diamond

Graphite

Nanotechnology

All of OCR CHEMISTRY Paper 1 in 30 minutes - GCSE Science Revision (Gateway) - All of OCR CHEMISTRY Paper 1 in 30 minutes - GCSE Science Revision (Gateway) by Science Shorts 782 views 1 month ago 28 minutes - <http://scienceshorts.net> Join the Discord for support! <https://discord.gg/pyvnUDq> ----- I don't ...

Intro

Elements & reactions

Mixtures & separation techniques

Pure substances & formulations

Chromatography

States of matter

Atomic structure
Atomic number, mass number & isotopes
Development of the periodic table
Electron configuration
Metals & non-metals
Alkali metals, halogens & noble gases
Metallic bonding
Ionic bonding
Ionic structures
Covalent bonding
Giant covalent
Moles & relative atomic mass
Using moles

Limiting reactants
Solution concentration
Reactivity series of metals
Oxidation & reduction
Neutralisation & making salts
pH scale
Electrolysis of molten compounds
Electrolysis of solutions
Exothermic & endothermic - energy in reactions
Bond energies

All of OCR CHEMISTRY Paper 2 in 25 minutes - GCSE Science Revision (Gateway) - All of OCR CHEMISTRY Paper 2 in 25 minutes - GCSE Science Revision (Gateway) by Science Shorts 1,498 views 1 month ago 27 minutes - <http://scienceshorts.net> Join the Discord for support! <https://discord.gg/pyvnUDq> ----- I don't ...

Intro
Reactivity series of metals
Testing for gases
Testing for metals - flame tests (TRIPLE)
Testing for non-metals (TRIPLE)
Instrumental methods (TRIPLE)
Solution concentration (TRIPLE)
Titration (TRIPLE)
Electrolysis of molten compounds
Extracting metals
Percentage yield & atom economy (TRIPLE)
Rate of reaction
Reversible reactions & equilibrium
The Haber process (TRIPLE)
NPK fertilisers (TRIPLE)
Polymers
Alloys (TRIPLE)
Glass, ceramics & composites (TRIPLE)
Corrosion of metals (TRIPLE)
Life Cycle Assessments (TRIPLE)
Composition of the atmosphere
Atmospheric pollutants
Resources
Potable water
Hydrocarbons
Fractional distillation
Uses of hydrocarbons
Testing for alkenes
Cracking alkanes
Alcohols & carboxylic acids (TRIPLE)
Addition polymerisation
Condensation polymerisation

The whole of OCR gateway chemistry topic 3 - Chemical Reactions. GCSE Revision! - The whole of OCR gateway chemistry topic 3 - Chemical Reactions. GCSE Revision! by Primrose Kitten Academy | GCSE & A-Level Revision 8,564 views 4 years ago 26 minutes - I want to help you achieve the grades you (and I) know you are capable of; these grades are the stepping stone to your future.

Rounding Error

Activation Energy

Energy Change

Redox Reaction Oxidation

pH Scale

The Neutralization Equation

Titration

Strong Acids

Electrolysis

The whole of OCR Chemistry - Topic 1 Particles. Revision For GCSE - The whole of OCR Chemistry - Topic 1 Particles. Revision For GCSE by Primrose Kitten Academy | GCSE & A-Level Revision 6,606 views 4 years ago 10 minutes, 22 seconds - I want to help you achieve the grades you (and I) know you are capable of; these grades are the stepping stone to your future.

The Nuclear Model

Nucleus

Periodic Table

A Compound

The Empirical Formula

The whole of OCR Gateway chemistry topic 5 - Monitoring and controlling chemical reactions - The whole of OCR Gateway chemistry topic 5 - Monitoring and controlling chemical reactions by Primrose Kitten Academy | GCSE & A-Level Revision 4,717 views 4 years ago 20 minutes - I want to help you achieve the grades you (and I) know you are capable of; these grades are the stepping stone to your future.

put 25 centimeters cubed in an alkali into a conical flask

calculate the number of moles of acid

divide it by your theoretical yields

measuring the rate of reaction

find the rate at a particular point

compare the rates of reaction at different points

using an inverted measuring cylinder

move from the conical flask through the delivery tube

adding in powdered calcium carbonate

decompose into ammonia and hydrogen chloride gas upon heating

change the temperature of the concentration

using an iron catalyst

The Whole of OCR Gateway GCSE Chemistry Paper 1 Revision | 22nd May 2023 - The Whole of OCR Gateway GCSE Chemistry Paper 1 Revision | 22nd May 2023 by Primrose Kitten Academy | GCSE & A-Level Revision 35,190 views 4 years ago 57 minutes - -full papers -what is the question REALLY asking -hints and tips from examiners -the background behind the question -how to ...

Solids

Nuclear Model

Periodic Table

A Compound

Relative Atomic Masses

Evaporation

The Periodic Table

Periods

Magnesium

Ionic Bonding

Sodium

Ionic Compounds

Covalent Bonding

Simple Covalent Compounds

Mendeleev

Diamond

Graphite
Rounding Error
Activation Energy
Ph Scale
Neutralization Equation
Titrations
Titration
Strong Acids
Electrolysis
Nanotechnology
How i cheated in my GCSE exams (easy) - How i cheated in my GCSE exams (easy) by touchdalight 1,520,231 views 5 years ago 8 minutes, 14 seconds - Today i tell you about how i cheated in my **gcse**, exams and got straight A's in all my subjects! its super easy and it works everytime ...
3 Hardest GCSE Chemistry Higher Questions Explained (Paper 1) - 3 Hardest GCSE Chemistry Higher Questions Explained (Paper 1) by AMD Tuition 2,704 views 2 weeks ago 7 minutes, 10 seconds - In this video, we go through how to easily obtain full marks for the 3 worst-answered questions from the AQA **GCSE Chemistry**, ...
Intro
2nd Question
3rd Question
Advice
Bonding (Ionic, Covalent & Metallic) - GCSE Chemistry - long version - Bonding (Ionic, Covalent & Metallic) - GCSE Chemistry - long version by Science Shorts 667,556 views 5 years ago 23 minutes - Whoops! I said skeletal formula when I meant structural formula! <http://scienceshorts.net> Join the Discord for support!
Periodic table: group & period
Metallic bonding
Ionic bonding
Covalent bonding
Giant covalent bonding: diamond, graphite, graphene & fullerene
HOW TO GET A GRADE 9 IN GCSE MATHS (Top Tricks They Don't Tell You) - HOW TO GET A GRADE 9 IN GCSE MATHS (Top Tricks They Don't Tell You) by Smile With Sola 390,876 views 1 year ago 15 minutes - In 2018, I got a grade 9 in **GCSE**, Mathematics. This was an absolute shocker for me as I was never the best at Maths and this was ...
Intro
Losing Marks
Exam Technique
How to answer any question
Outro
Half Equations - GCSE Chemistry Revision - Half Equations - GCSE Chemistry Revision by Miss Wetton - GCSE Science Revision 77,349 views 3 years ago 4 minutes, 35 seconds - Hi everyone, I hope this video helps you to feel more confident with explaining the melting points of different types of substance.
Introduction
What are half equations
Practice questions
TWiNS OPEN GCSE RESULTS - TWiNS OPEN GCSE RESULTS by Casually Twins 2,242,197 views 7 years ago 5 minutes, 25 seconds - Twins open **GCSE**, Results! FRANKIE'S A-LEVEL RESULTS: <https://www.youtube.com/watch?v=YSbycjEXSkU>.
GCSE Chemistry - Extraction of Metals & Reduction #38 - GCSE Chemistry - Extraction of Metals & Reduction #38 by Cognito 327,956 views 4 years ago 4 minutes, 4 seconds - This video explains the terms 'oxidation' and 'reduction', and then runs through an example how we can use carbon to reduce ...
A Level Chemistry Revision "Introduction to Redox Reactions" - A Level Chemistry Revision "Introduction to Redox Reactions" by Freesciencelessons 65,616 views 2 years ago 3 minutes, 54 seconds - In this video, we start looking at redox reactions. First we explore how redox reactions involve both oxidation and reduction and ...
Introduction
Oxidation and Reduction

Hydrogen

Half Equations

Types of Bonding (Ionic, Covalent, Metallic) - GCSE Chemistry Revision - Types of Bonding (Ionic, Covalent, Metallic) - GCSE Chemistry Revision by Miss Wetton - GCSE Science Revision 359,384 views 3 years ago 11 minutes, 50 seconds - Hi everyone, I hope this video helps you to feel more confident with identifying and describing the different types of bonding.

Types of Bonding

Practice Questions

Ionic Bonding

GCSE Chemistry - Tests for Anions - Carbonate, Sulfate and Halide Ions #65 - GCSE Chemistry - Tests for Anions - Carbonate, Sulfate and Halide Ions #65 by Cognito 253,357 views 3 years ago 4 minutes, 50 seconds - This video covers: - How to test for carbonates by reacting with an acid and then bubbling the gas through limewater - How to test ...

Intro

Carbonates

Sulfates

GCSE OCR Chemistry CHEMICAL REACTION Complete Revision in 75 Min With Glossary | OCR Gateway - GCSE OCR Chemistry CHEMICAL REACTION Complete Revision in 75 Min With Glossary | OCR Gateway by Expert Guidance by Mahima Laroyia 81 views 3 years ago 1 hour, 14 minutes - Chemical, Reaction a) Calculating Formulas Mass **b**,) Calculating Moles from Masses c) Calculating Moles from Volume d) ...

GCSE OCR GATEWAY CHEMISTRY CHEMICAL REACTIONS

METAL EXTRACTION

NEUTRALIZATION REACTION

REACTIONS OF ACIDS

ELECTROLYSIS IN SOLUTIONS

The whole of OCR gateway Physics topic 4 - Waves and radioactivity. GCSE Revision - The whole of OCR gateway Physics topic 4 - Waves and radioactivity. GCSE Revision by Primrose Kitten Academy | GCSE & A-Level Revision 7,695 views 4 years ago 21 minutes - I want to help you achieve the grades you (and I) know you are capable of; these grades are the stepping stone to your future.

Transverse Wave

Longitudinal Wave

Frequency

Speed of a Wave Wave

Refraction

Sound Wave

Determine Distance

Measure the Speed of a Wave

Electromagnetic Spectrum from Radio Waves

Infrared

Visible Light

A Converging Lens

Ray Diagrams

Diverging Lens

Nucleus

Isotopes of Carbon

Half-Life

Uranium-238

The Use of Radioactivity

Nuclear Fission

Nuclear Fusion

The Whole of OCR Gateway Physics Topic 1 - Matter GCSE Science Revision - The Whole of OCR Gateway Physics Topic 1 - Matter GCSE Science Revision by Primrose Kitten Academy | GCSE & A-Level Revision 7,722 views 4 years ago 13 minutes, 41 seconds - I want to help you achieve the grades you (and I) know you are capable of; these grades are the stepping stone to your future.

find the number of neutrons

energy is needed to raise temperature

work out the pressure in the system

The whole of OCR gateway Chemistry topic 6 - Global Challenges GCSE Revision - The whole of

OCR gateway Chemistry topic 6 - Global Challenges GCSE Revision by Primrose Kitten Academy | GCSE & A-Level Revision 4,074 views 4 years ago 37 minutes - I want to help you achieve the grades you (and I) know you are capable of; these grades are the stepping stone to your future.

Chromatography

Aluminum Electrolysis

By Leaching

Environmental Impacts

Production of the Product

Thermosetting and Thermal Softening Polymers

Hydrocarbons Alkanes

Organic Compounds

Complete Combustion of a Hydrocarbon

Alkenes

Counting Things

Isomers

Fermentation

Condensation Polymerization

Dna

Fractional Distillation

Hydrogen Fuel Cell

Greenhouse Gases

Global Warming

Carbon Footprint

Sulfur Dioxide

Smog and Global Dimming

Don't Revise for your next Exam!- Here's Why... - Don't Revise for your next Exam!- Here's Why... by Abdullah Khan 425,893 views 1 year ago 37 seconds – play Short - In this short, I go through a hack you can use in school to score high in tests without having to **revise**,!

GCSE Chemistry Revision "Balancing Chemical Equations" - GCSE Chemistry Revision "Balancing Chemical Equations" by Freesciencelessons 779,468 views 7 years ago 5 minutes, 47 seconds - In this video, we tackle the one topic that students always dread: balancing **chemical**, equations. Well don't panic because I'll show ...

Recap What's Meant by a Chemical Formula

Balanced Chemical Equation

Calcium Oxide plus Hydrochloric Acid Produces Calcium Chloride plus Water

Iron Oxide Reacting with Carbon Monoxide

The whole of OCR Gateway Chemistry topic 4 - Predicting and identifying reactions and products. -

The whole of OCR Gateway Chemistry topic 4 - Predicting and identifying reactions and products.

by Primrose Kitten Academy | GCSE & A-Level Revision 6,039 views 4 years ago 11 minutes, 10 seconds - I want to help you achieve the grades you (and I) know you are capable of; these grades are the stepping stone to your future.

Intro

Periodic table

Alkali metals

Halogens

Transition metals

Gases

Testing

Instrumental Method

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