**Combined Higher Science Revision Plan 23-24.**

Below is a guide for the next academic year, aiming to help you structure your science revision.

You DO NOT need to complete everything listed or revise for science every single day – it’s great if you do, but you have other subjects to also revise for! This is purely to guide you in chunking your revision into manageable chunks (something which many students find overwhelming) and ensure you cover all content by mocks/exams.

Each bullet point refers to a video/topic on myGCSEscience. The website is a fantastic resource, but you can use other efficient revision methods too. Please ask your teacher if you need any help with a particular topic or guidance on effective revision.

myGCSEscience login details: username = surname.firstname (e.g. bloggs.joe for Joe Bloggs) password = sa

Biology Chemistry Physics Half Term Mocks Exams Progress Evening



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| --- | --- | --- | --- | --- | --- | --- |
|  |  | 6th September* Eukaryotic and Prokaryotic Cell
* Atoms, Elements, Compounds, Mixtures
* Energy Changes in a System
 | 7th September* Specialised Cells
* Separating Mixtures
* Power
 | 8th September* Orders of Magnitude & Standard Form
* Scientific Models of the Atom
* Conservation and Dissipation of Energy
 | 9th September* Microscopes and Magnification
* Atomic Structure
* National and Global Energy Resources
 | 10th September* Chromosomes and Mitosis
* Relative Atomic Mass
* Circuit Symbols
 |
| 11th September* Stem Cells
* Electronic Structure
* Introduction to Electricity
 | 12th September* Diffusion
* The Periodic Table
* Resistors
 | 13th September* Osmosis
* Group 0 – The Noble Gases
* Series and Parallel Circuits
 | 14th September* Active Transport
* Group 1 – The Alkali Metals
* Investigating Resistance in Circuits
 | 15th September* Introduction to Enzymes
* Group 7 – Halogens
* Domestic Uses and Safety
 | 16th September* Enzymes in Digestive System
* Ionic Bonding
* Power and Energy Transfers
 | 17th September* Cardiovascular Disease
* Covalent Bonding
* The National Grid
 |
| 18th September* Circulatory System
* Metallic Bonding
* Density
 | 19th September* Health and Risk Factors
* Solids, Liquids and Gases
* Solids, Liquids and Gases
 | 20th September* Transpiration in Plants
* Properties of Ionic, Covalent and Metallic Structures
* Specific Heat Capacity and Specific Latent Heat
 | 21st September* Organisation in Plants
* Giant Covalent Structures
* Particle Model and Pressure
 | 22nd September* Preventing the spread of pathogens
* Graphene and Fullerenes
* Atoms and Isotopes
 | 23rd September* Bacterial, fungal, viral and protist diseases
* Conservation of Mass
* The Development of the Model of the Atom
 | 24th September* Immunity and Vaccination
* Relative Formula Mass
* Radioactive Decay
 |
| 25th September* Fighting Diseases with Drugs
* The Mole
* Half-Life
 | 26th September* Photosynthesis
* Mass Changes
* Radioactive Contamination
 | 27th September* Investigating the rate of photosynthesis
* Reacting Masses
* Energy Changes in a System
 | 28th September* The Rate of Photosynthesis – Limiting Factors
* Concentration in g/dm3
* Power
 | 29th September* Respiration and Metabolism
* The Reactivity of Metals
* Conservation and Dissipation of Energy
 | 30th September* The Effect of Exercise on the Body
* Displacement Reactions
* National and Global Energy Resources
 | 1st October* Eukaryotic and Prokaryotic Cell
* Extracting Metals
* Circuit Symbols
 |
| 2nd October* Specialised Cells
* Reactions of Acids
* Introduction to Electricity
 | 3rd October* Orders of Magnitude & Standard Form
* Making Salts
* Series and Parallel Circuits
 | 4th October* Microscopes and Magnification
* The pH scale and Neutralisation
* Investigating Resistance in Circuits
 | 5th October* Chromosomes and Mitosis
* Strong and Weak Acids
* Resistors
 | 6th October* Stem Cells
* Electrolysis of Molten Salts
* Domestic Uses and Safety
 | 7th October* Diffusion
* Using Electrolysis to Extract Metals
* Power and Energy Transfers
 | 8th October* Osmosis
* Electrolysis of Aqueous Salts
* The National Grid
 |
| 9th October* Active Transport
* Exothermic and Endothermic Reactions
* Density
 | 10th October * Introduction to Enzymes
* Reaction Profile Diagrams
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 | 11th October* Enzymes in Digestive System
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* Power and Energy Transfers
 | 25th October* The Effect of Exercise on the Body
* Making Salts
* The National Grid
 | 26th October* B1 Revision
* Strong and Weak Acids
* Density
 | 27th October* B2 Revision
* C1 Revision
* Solids, Liquids and Gases
 | 28th October* B3 Revision
* C2 Revision
* Specific Heat Capacity and Specific Latent Heat
 | 29th October* B4 Revision
* C3 Revision
* P1 Revision
 |
| 30th October* B1 Revision
* C4 Revision
* P2 Revision
 | 31st October* B2 Revision
* C5 Revision
* P3 Revision
 | 1st November* B3 Revision
* C1 Revision
* P4 Revision
 | 2nd November* B4 Revision
* C2 Revision
* P1 Revision
 | 3rd November* B1 Revision
* C3 Revision
* P2 Revision
 | 4th November* B2 Revision
* C4 Revision
* P3 Revision
 | 5th November* B3 Revision
* C5 Revision
* P4 Revision
 |
| 6th NovemberMocks | 7th NovemberMocks | 8th NovemberMocks | 9th NovemberMocks | 10th NovemberMocks | 11th NovemberMocks | 12th NovemberMocks |
| 13th November* The Nervous System
* Measuring Rates of Reaction
* Scalars and Vectors
 | 14th November* Adrenaline and Thyroxine
* Interpreting Rate Graphs
* Contact and Non-Contact Forces
 | 15th November* Controlling Blood Glucose
* Factors Affecting Rates of Reaction
* Gravity
 | 16th November* Hormones in Human Reproduction
* Collision Theory and Activation Energy
* Resultant Forces
 | 17th November* Genetic Inheritance
* Reversible Reactions and Equilibrium
* Work Done and Energy Transfer
 | 18th November* Asexual vs Sexual Reproduction and Meiosis
* Factors Affecting Equilibrium
* Forces and Elasticity
 | 19th November* DNA and the Genome
* Crude Oil and Alkanes
* Distance and Displacement, Speed and Velocity
 |
| 20th November* Inherited Disorders – Polydactyly
* Combustion of Hydrocarbons
* Distance-Time Graphs
 | 21st November* Inherited Disorders – Cystic Fibrosis
* Cracking and Alkenes
* Acceleration
 | 22nd November* Screening for Genetic Disorders
* Purity and Formulations
* Velocity-Time Graphs
 | 23rd November* Natural Selection
* Gas Tests
* Falling Objects
 | 24th November* Selective Breeding
* Chromatography
* Newton’s Laws of Motion
 | 25th November* Genetic Engineering
* The Earth’s Atmosphere
* Forces and Braking
 | 26th November* Evidence for Evolution and Extinction
* The Greenhouse Effect and Global Warming
* Momentum 1
 |
| 27th November* Classification and Evolutionary Trees
* Atmospheric Pollutants
* Momentum 2
 | 28th November* Communities and Interdependence
* Atoms, Elements, Compounds, Mixtures
* Transverse and Longitudinal Waves
 | 29th November* Adaptations
* Separating Mixtures
* Properties of Waves
 | 30th November* Measuring the Distribution of Organisms
* Scientific Models of the Atom
* Reflection of Waves
 | 1st December* Cycling in Ecosystems
* Atomic Structure
* Electromagnetic Waves 1
 | 2nd December* Human Impact on the Environment
* Relative Atomic Mass
* Electromagnetic Waves 2
 | 3rd December* Eukaryotic and Prokaryotic Cell
* Electronic Structure
* Energy Changes in a System
 |
| 4th December* Specialised Cells
* The Periodic Table
* Power
 | 5th December* Orders of Magnitude & Standard Form
* Group 0 – The Noble Gases
* Conservation and Dissipation of Energy
 | 6th December* Microscopes and Magnification
* Group 1 – The Alkali Metals
* National and Global Energy Resources
 | 7th December* Chromosomes and Mitosis
* Group 7 – Halogens
* Circuit Symbols
 | 8th December* Stem Cells
* Ionic Bonding
* Introduction to Electricity
 | 9th December* Diffusion
* Covalent Bonding
* Resistors
 | 10th December* Osmosis
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| 11th December* Active Transport
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 | 13th December* Enzymes in Digestive System
* Giant Covalent Structures
* Power and Energy Transfers
 | 14th December* Cardiovascular Disease
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* Specific Heat Capacity and Specific Latent Heat
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 | 19th December* Preventing the spread of pathogens
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 | 22nd December | 23rd December | 24th December |
| 25th December | 26th December | 27th December* Fighting Diseases with Drugs
* The Reactivity of Metals
* Half-Life
 | 28th December* Photosynthesis
* Extracting Metals
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 | 29th December* Investigating the rate of photosynthesis
* Reactions of Acids
* Scalars and Vectors
 | 30th December | 31st December |
| 1st January | 2nd January | 3rd January* The Rate of Photosynthesis – Limiting Factors
* Making Salts
* Contact and Non-Contact Forces
 | 4th January* Respiration and Metabolism
* The pH scale and Neutralisation
* Gravity
 | 5th January* The Effect of Exercise on the Body
* Strong and Weak Acids
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* Work Done and Energy Transfer
 | 7th January* Adrenaline and Thyroxine
* Using Electrolysis to Extract Metals
* Forces and Elasticity
 |
| 8th January* Controlling Blood Glucose
* Electrolysis of Aqueous Salts
* Distance and Displacement, Speed and Velocity
 | 9th January* Hormones in Human Reproduction
* Exothermic and Endothermic Reactions
* Distance-Time Graphs
 | 10th January* Genetic Inheritance
* Reaction Profile Diagrams
* Acceleration
 | 11th January* Asexual vs Sexual Reproduction and Meiosis
* Calculating Energy Changes
* Velocity-Time Graphs
 | 12th January* DNA and the Genome
* C5 Revision
* Falling Objects
 | 13th January* Inherited Disorders – Polydactyly
* C6 Revision
* Newton’s Laws of Motion
 | 14th January * Inherited Disorders – Cystic Fibrosis
* C7 Revision
* Forces and Braking
 |
| 15th January* Screening for Genetic Disorders
* C8 Revision
* Momentum 1
 | 16th January* Natural Selection
* C9 Revision
* Momentum 2
 | 17th January* Selective Breeding
* C1 Revision
* Transverse and Longitudinal Waves
 | 18th January* Genetic Engineering
* C2 Revision
* Properties of Waves
 | 19th January* Evidence for Evolution and Extinction
* C3 Revision
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 | 20th January* Classification and Evolutionary Trees
* C4 Revision
* Electromagnetic Waves 1
 | 21st January* Communities and Interdependence
* C5 Revision
* Electromagnetic Waves 2
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| 22nd January* Adaptations
* C6 Revision
* Magnetism
 | 23rd January* Measuring the Distribution of Organisms
* C7 Revision
* The Motor Effect
 | 24th January* Cycling in Ecosystems
* C1 Revision
* P1 Revision
 | 25th January* Human Impact on the Environment
* C2 Revision
* P2 Revision
 | 26th January* B5 Revision
* C4 Revision
* P3 Revision
 | 27th January* B6 Revision
* C5 Revision
* P4 Revision
 | 28th January* B7 Revision
* Sustainable Development
* P5 Revision
 |
| 29th January* B1 Revision
* Potable Water
* P6 Revision
 | 30th January* B2 Revision
* Alternative Methods of Extracting Metals
* P7 Revision
 | 31st January* B3 Revision
* Life Cycle Assessment
* P3 Revision
 | 1st February* B4 Revision
* C2 Revision
* P4 Revision
 | 2nd February* B5 Revision
* C8 Revision
* P5 Revision
 | 3rd February* B6 Revision
* C9 Revision
* P6 Revision
 | 4th February* B7 Revision
* C10 Revision
* P7 Revision
 |
| 5th FebruaryMocks | 6th FebruaryMocks | 7th FebruaryMocks | 8th FebruaryMocks | 9th FebruaryMocks | 10th FebruaryMocks | 11th FebruaryMocks |
| 12th FebruaryMocks | 13th FebruaryMocks | 14th FebruaryMocks | 15th FebruaryMocks | 16th FebruaryMocks | 17th FebruaryMocks | 18th FebruaryMocks |
| 19th February* Mock Revision
 | 20th February* Mock Revision
 | 21st February* Mock Revision
 | 22nd February* Mock Revision
 | 23rd February* Mock Revision
 | 24th February* Mock Revision
 | 25th February* Mock Revision
 |
| 26th FebruaryMocks | 27th FebruaryMocks | 28th FebruaryMocks | 29th FebruaryMocks | 1st March Mocks | 2nd MarchMocks | 3rd MarchMocks |
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* Momentum 1
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 | 14th April* Adaptations
* Greenhouse Effect, Global Warming and Pollutants
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| 15th April* Cycling in Ecosystems
* Sustainable Development
* The Motor Effect
 | 16th April* Human Impact on the Environment
* Potable Water
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 | 17th April* Eukaryotic and Prokaryotic Cell
* Alternative Methods of Extracting Metals
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 | 18th April* Specialised Cells
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 | 30th April* Health and Risk Factors
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 | 1st May* B1 Revision
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* P1 Revision
 | 2nd May* B2 Revision
* Alternative Methods of Extracting Metals
* P2 Revision
 | 3rd May* B3 Revision
* Life Cycle Assessment
* P3 Revision
 | 4th May* B4 Revision
* C1 Revision
* P4 Revision
 | 5th May* B1 Revision
* B2 Revision
 |
| 6th May* B3 Revision
* B4 Revision
 | 7th May* B1 Revision
* B2 Revision
 | 8th May* B3 Revision
* B4 Revision
 | 9th May* Biology Paper 1 Revision
 | 10th MayBiology 1 Exam | 11th May* C1 Revision
* C2 Revision
 | 12th May* C3 Revision
* C4 Revision
 |
| 13th May* C5 Revision
* C1 Revision
 | 14th May* C2 Revision
* C3 Revision
 | 15th May* C4 Revision
* C5 Revision
 | 16th May* Chemistry Paper 1 Revision
 | 17th MayChemistry 1 Exam | 18th May* P1 Revision
* P2 Revision
 | 19th May* P3 Revision
 |
| 20th May* P4 Revision
 | 21st May* Physics Paper 1 Revision
 | 22nd MayPhysics 1 Exam | 23rd May* B5 Revision
* C6 Revision
* P5 Revision
 | 24th May* B6 Revision
* C7 Revision
* P6 Revision
 | 25th May* B7 Revision
* C8 Revision
* P7 Revision
 | 26th May* B5 Revision
* C9 Revision
* P5 Revision
 |
| 27th May* B6 Revision
* C10 Revision
* P6 Revision
 | 28th May* B7 Revision
* C6 Revision
* P7 Revision
 | 29th May* B5 Revision
* C7 Revision
* P5 Revision
 | 30th May* B6 Revision
* C8 Revision
* P6 Revision
 | 31st May* B7 Revision
* C9 Revision
* P7 Revision
 | 1st June* B5 Revision
* C10 Revision
* P5 Revision
 | 2nd June* B6 Revision
* P6 Revision
* P7 Revision
 |
| 3rd June* B7 Revision
 | 4th June* B5 Revision
* B6 Revision
 | 5th June* B7 Revision
 | 6th June* Biology Paper 2 Revision
 | 7th JuneBiology 2 Exam | 8th June* C6 Revision
* C7 Revision
 | 9th June* C8 Revision
* C9 Revision
* C10 Revision
 |
| 10th June* Chemistry Paper 2 Revision
 | 11th JuneChemistry 2 Exam | 12th June* Physics Paper 2 Revision
 | 13th June* Physics Paper 2 Revision
 | 14th JunePhysics 2 Exam | 15th June | 16th June |