

Date	Subject	Tuition Lesson Title	Description	Start	End
19-01-2026	Biology	Inheritance	Tuition sessions: 2pm, 3pm, 4pm, 5pm, 6pm, 7pm & 8pm - Sex inheritance (XX & XY) - Eye colour inheritance - Recessive-linked inheritance (cystic fibrosis) - Dominant-linked inheritance (polydactyly)	16:00	21:00
20-01-2026	Chemistry	Rates of Reaction	Tuition sessions: 4pm, 5pm, 6pm, 7pm & 8pm - Concentration - Temperature - Surface area - Catalyst - Rates of reaction practical - volume of a gas - Rates of reaction practical - colour change	16:00	21:00
21-01-2026	Physics	Hooke's Law	Tuition sessions: 4pm, 5pm, 6pm, 7pm & 8pm Elastic Potential Energy - Hooke's Law: Limit of Proportionality - Hooke's Law: $F = k e$ - Required practical	16:00	21:00
22-01-2026	Physics (Sep)	Moments, Gears & Levers	Tuition sessions: 4pm, 5pm, 6pm, 7pm & 8pm - Moments - Levers - Gears	16:00	21:00
26-01-2026	Biology	Darwin & Selection	Tuition sessions: 4pm, 5pm, 6pm, 7pm & 8pm - Natural selection - Antibiotic resistance - Selective breeding - Pros and cons of selective breeding - Genetic engineering of insulin	16:00	21:00
27-01-2026	Chemistry	Hydrocarbons	Tuition sessions: 4pm, 5pm, 6pm, 7pm & 8pm - Hydrocarbons - Formation of crude oil - Fractional distillation: crude oil - General formula: alkanes - Homologous series: alkanes - Cracking - Complete and incomplete combustion	16:00	21:00
28-01-2026	Physics	Waves	Tuition sessions: 4pm, 5pm, 6pm, 7pm & 8pm - Transverse & longitudinal waves - Waves properties - Calculating frequency & wavelength, and period - Ripple tanks	16:00	21:00
29-01-2026	Biology	The Kidney	Tuition sessions: 4pm, 5pm, 6pm, 7pm & 8pm - Structure of The Kidney - Effect of ADH on The Kidney - Kidney dialysis	16:00	21:00
02-02-2026	Biology	Exam Paper 2 Walkthrough	Tuition sessions: 4pm, 5pm, 6pm, 7pm & 8pm - Biology Paper 2 Walkthrough - Practice key exam questions from major topics.	16:00	21:00
03-02-2026	Chemistry	Exam Paper 2 Walkthrough	Tuition sessions: 4pm, 5pm, 6pm, 7pm & 8pm - Chemistry Paper 2 Walkthrough - Practice key exam questions from major topics.	16:00	21:00
04-02-2026	Physics	Exam Paper 2 Walkthrough	Tuition sessions: 4pm, 5pm, 6pm, 7pm & 8pm - Physics Paper 2 Walkthrough - Practice key exam questions from major topics.	16:00	21:00
05-02-2026	Chemistry (Sep)	Key Calculations	Separate science sessions: 4pm, 5pm, 6pm, 7pm & 8pm - Percentage yield - Molar volume of gases - Titration calculations	16:00	21:00
09-02-2026	Biology	Exam Paper 2 Walkthrough	Tuition sessions: 4pm, 5pm, 6pm, 7pm & 8pm - Biology Paper 2 Walkthrough - Practice key exam questions from major topics.	16:00	21:00
10-02-2026	Chemistry	Exam Paper 2 Walkthrough	Tuition sessions: 4pm, 5pm, 6pm, 7pm & 8pm - Chemistry Paper 2 Walkthrough - Practice key exam questions from major topics.	16:00	21:00
11-02-2026	Physics	Exam Paper 2 Walkthrough	Tuition sessions: 4pm, 5pm, 6pm, 7pm & 8pm - Physics Paper 2 Walkthrough - Practice key exam questions from major topics.	16:00	21:00
12-02-2026	Physics (Sep)	Sound Waves	Tuition sessions: 4pm, 5pm, 6pm, 7pm & 8pm - What are sound waves - Sound waves & oscilloscopes - Echo sounding (sonar) - Using ultrasound for prenatal scans and industrial imaging	16:00	21:00

16-02-2026	Biology	Ecology & Ecosystems	Tuition sessions: 4pm, 5pm, 6pm, 7pm & 8pm - Abiotic and biotic factors - Quadrats and transects - Water cycle - Carbon cycle - Reforestation and conservation	16:00	21:00
17-02-2026	Chemistry	Chemical Analysis	Tuition sessions: 4pm, 5pm, 6pm, 7pm & 8pm - Testing for gases: CO ₂ , H ₂ , Cl ₂ , O ₂ - Pure and impure substances - (H) Metals from Ores - Chromatograms - Calculating R _f value	16:00	21:00
18-02-2026	Physics	EM Spectrum	Tuition sessions: 4pm, 5pm, 6pm, 7pm & 8pm - EM Spectrum - EM spectrum wave uses - EM spectrum wave dangers - Converting radiowaves to electrical signals	16:00	21:00
19-02-2026	Biology (Sep)	Bacteria & Aseptic Tech	Separate science sessions: 4-4.45, 5-5.45, 6-6.45, 7-7.45 - Aseptic technique - Antibiotic disks practical - Binary fission	16:00	21:00
23-02-2026	Biology	Reflex Arc, Glucose, Adrenaline	Tuition sessions: 4pm, 5pm, 6pm, 7pm & 8pm - Reflex arc - Synapse - Controlling blood glucose - Adrenaline & Thyroxine	16:00	21:00
24-02-2026	Chemistry	Energy Changes	Tuition sessions: 4pm, 5pm, 6pm, 7pm & 8pm - Exothermic and endothermic reactions - Why a reaction is exothermic or endothermic - Reaction profiles - (H) Bond energy calculations	16:00	21:00
25-02-2026	Physics	Electromagnetism	Tuition sessions: 4pm, 5pm, 6pm, 7pm & 8pm - Magnets & magnetic fields - Permanent vs induced magnets - Right hand rule - Solenoids & electromagnets - Electromagnets in locks & relay switches	16:00	21:00
26-02-2026	Chemistry (Sep)	Organic Chemistry	Tuition sessions: 4pm, 5pm, 6pm, 7pm & 8pm - Alkenes - Addition reactions	16:00	21:00
02-03-2026	Biology	Controlling Fertility	Tuition sessions: 4pm, 5pm, 6pm, 7pm & 8pm - Menstrual cycle - Contraception - The combined pill - IVF	16:00	21:00
03-03-2026	Chemistry	Key Calculations in Chem	Tuition sessions: 4pm, 5pm, 6pm, 7pm & 8pm - Calculating concentration - Percentage by mass - (H) Calculate mass of reactants - (H) Limiting reactant - (H) Determine balanced equation	16:00	21:00
04-03-2026	Physics	Motor Effect	Tuition sessions: 4pm, 5pm, 6pm, 7pm & 8pm - The Left Hand Rule - $F = B \times I \times L$ - DC Electric Motor	16:00	21:00
05-03-2026	Chemistry (Sep)	Key Calculations	Separate science sessions: 4pm, 5pm, 6pm, 7pm & 8pm - Percentage yield - Molar volume of gases - Titration calculations	16:00	21:00
09-03-2026	Biology	Biology Required Practicals	Tuition sessions: 4pm, 5pm, 6pm, 7pm & 8pm - Osmosis: Potatoes in water and sugar - Enzymes: Effect of pH on enzyme activity - Microscopes - Food Tests	16:00	21:00
10-03-2026	Chemistry	The Atmosphere	Tuition sessions: 4pm, 5pm, 6pm, 7pm & 8pm - Explain changes in: H ₂ O, CO ₂ , O ₂ , N ₂ - Greenhouse effect - Climate change - Pollutants of combustion	16:00	21:00
11-03-2026	Physics	Forces & Motion	Tuition sessions: 4pm, 5pm, 6pm, 7pm & 8pm - Resultant Forces - $F=ma$ - Acceleration - Velocity/Time graphs - Momentum	16:00	21:00

12-03-2026	Physics (Sep)	Using Radiation	Tuition sessions: 4pm, 5pm, 6pm, 7pm & 8pm - Using Radiation - Nuclear Fission - Nuclear Fusion	16:00	21:00
16-03-2026	Biology	Enzymes	Tuition sessions: 4pm, 5pm, 6pm, 7pm & 8pm - Lock & Key Theory: lipase, amylase, protease - Effect of temp, substrate conc & pH - Enzymes required practical	16:00	21:00
17-03-2026	Chemistry	Bonding	Tuition Sessions at 4pm, 5pm, 6pm 7pm & 8pm - Ionic Bonding: formation & properties - Simple molecules - Metals & alloys - Allotropes of carbon	16:00	21:00
18-03-2026	Physics	Waves	Tuition sessions: 4pm, 5pm, 6pm, 7pm & 8pm - Transverse & longitudinal waves - Waves properties - Calculating frequency & wavelength, period - Ripple tanks	16:00	21:00
19-03-2026	Chemistry (Sep)	Materials	Tuition sessions: 4pm, 5pm, 6pm, 7pm & 8pm - Glass - Ceramics - Composite materials	16:00	21:00
23-03-2026	Biology	Circulatory System	Tuition sessions: 4pm, 5pm, 6pm, 7pm & 8pm - Structure of the heart - Comparing the left and right side of the heart - Comparing arteries and veins - Adaptations of capillaries	16:00	21:00
24-03-2026	Chemistry	Separation Techniques	Tuition sessions at 4pm, 5pm, 6pm, 7pm & 8pm - Filtration & Crystallisation - Distillation & Chromatography - Fractional distillation	16:00	21:00
25-03-2026	Physics	EM Spectrum	Tuition sessions: 4pm, 5pm, 6pm, 7pm & 8pm - EM Spectrum - EM spectrum wave uses - EM spectrum wave dangers - Converting radiowaves to electrical signals	16:00	21:00
26-03-2026	Physics (Sep)	Pressure	Tuition sessions: 4pm, 5pm, 6pm, 7pm & 8pm Pressure calculations Gas pressure Atmospheric pressure Underwater pressure calculations	16:00	21:00
30-03-2026	Biology	Photosynthesis	Tuition sessions: 4pm, 5pm, 6pm, 7pm & 8pm - Limiting factors of photosynthesis - Photosynthesis required practical - How plants use glucose	16:00	21:00
31-03-2026	Chemistry	Groups of the Periodic Table	Tuition sessions: 4pm, 5pm, 6pm, 7pm & 8pm - Alkali metals reacting with water - Explaining reactivity of alkali metals - Explaining reactivity of halogens - Displacement reactions of halogens - (H) Halogens: redox	16:00	21:00
01-04-2026	Physics	Electromagnetism	Tuition sessions: 4pm, 5pm, 6pm, 7pm & 8pm - Magnets & magnetic fields - Permanent vs induced magnets - Right hand rule - Solenoids & electromagnets - Electromagnets in locks & relay switches	16:00	21:00
02-04-2026	Biology (Sep)	Thermoregulation & Auxins	Tuition sessions: 4pm, 5pm, 6pm, 7pm & 8pm Auxins: Phototropism & Gravitropism Auxins: Investigating Phototropism Using Plant Hormones Thermoregulation	16:00	21:00
06-04-2026	Biology	Respiration	Tuition sessions: 4pm, 5pm, 6pm, 7pm & 8pm - Aerobic and anaerobic respiration - Effect of exercise on rates of respiration - Oxygen debt - Why exercise affects heart rate and breathing rate - Fermentation	16:00	21:00
07-04-2026	Chemistry	Key Calculations	Tuition sessions: 4pm, 5pm, 6pm, 7pm & 8pm - Calculating concentration - Percentage by mass - (H) Calculate mass of reactants - (H) Limiting reactant - (H) Determine balanced equation	16:00	21:00

08-04-2026	Physics	Electricity	Tuition sessions: 4pm, 5pm, 6pm, 7pm & 8pm - Current - Potential difference - Resistance	16:00	21:00
09-04-2026	Physics (Sep)	Lenses	Tuition sessions: 4pm, 5pm, 6pm, 7pm & 8pm - Convex & concave lenses - Real vs virtual images - Drawing convex ray diagrams - Drawing concave ray diagrams - Objects beyond 2F, at 2F, 2F-F	16:00	21:00
13-04-2026	Biology	Disease, Immunity & Drugs	Tuition sessions: 4pm, 5pm, 6pm, 7pm & 8pm - Communicable vs non-com disease - Immunity and vaccinations - Antitoxins and phagocytosis - Drug development and double blind testing	16:00	21:00
14-04-2026	Chemistry	Acids + Alkalies	Tuition sessions: 4pm, 5pm, 6pm, 7pm & 8pm - Neutralisation reactions - Indicators - Limiting and excess reactant - (H) Strong and weak acids	16:00	21:00
15-04-2026	Physics	Particle Model	Tuition sessions: 4pm, 5pm, 6pm, 7pm & 8pm - States of matter changes - Specific latent heat - Density + core practical	16:00	21:00
16-04-2026	Biology (Sep)	Plant Disease	Separate science sessions: 4-4.45, 5-5.45, 6-6.45, 7-7.45 - Plant Diseases - Detecting Plant Diseases - Plant Defences	16:00	21:00
20-04-2026	Biology	Plants	Tuition sessions: 4pm, 5pm, 6pm, 7pm & 8pm - Structure of Leaf - Stomata - Xylem and Phloem	16:00	21:00
21-04-2026	Chemistry	Electrolysis	Tuition sessions: 4pm, 5pm, 6pm, 7pm & 8pm - How to do electrolysis and key diagram - Electrolysis of molten compounds - Electrolysis of aluminium oxide - Electrolysis of aqueous compounds - (H) Half-equations	16:00	21:00
22-04-2026	Physics	Radiation & Decay	Tuition sessions: 4pm, 5pm, 6pm, 7pm & 8pm - Alpha, beta & gamma decay - Radioactive decay equations - Half-lives	16:00	21:00
23-04-2026	Chemistry (Sep)	Key Calculations	Separate science sessions: 4pm, 5pm, 6pm, 7pm & 8pm - Percentage yield - Molar volume of gases - Titration calculations	16:00	21:00
27-04-2026	Biology	Paper 1 Exam Walkthrough	Tuition sessions: 4pm, 5pm, 6pm, 7pm & 8pm - We will go through key exam questions from major topics - Using real exam questions - Instant feedback on the exam questions	16:00	21:00
28-04-2026	Chemistry	Paper 1 Exam Walkthrough	Tuition sessions: 4pm, 5pm, 6pm, 7pm & 8pm - We will go through key exam questions from major topics - Using real exam questions - Instant feedback on the exam questions	16:00	21:00
29-04-2026	Physics	Power & Specific Heat Capacity	Tuition Sessions at 4pm, 5pm, 6pm 7pm & 8pm - Specific heat capacity - Work done - Power	16:00	21:00
30-04-2026	Biology (Sep)	Decay	Tuition sessions: 4pm, 5pm, 6pm, 7pm & 8pm - Decay - Factors affecting rate of decay - Calculating rates of decay - Making compost	16:00	21:00
04-05-2026	Biology	Paper 1 Exam Walkthrough	Tuition sessions: 4pm, 5pm, 6pm, 7pm & 8pm - We will go through key exam questions from major topics - Using real exam questions - Instant feedback on the exam questions	16:00	21:00
05-05-2026	Chemistry	Paper 1 Exam Walkthrough	Tuition sessions: 4pm, 5pm, 6pm, 7pm & 8pm - We will go through key exam questions from major topics - Using real exam questions - Instant feedback on the exam questions	16:00	21:00
06-05-2026	Physics	Electricity	Tuition sessions: 4pm, 5pm, 6pm, 7pm & 8pm - Resistance vs Current: LED, resistor and filament lamp - Alternating Vs Direct current - National Grid - Step-up + step-down transformers	16:00	21:00

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18-05-2026	Biology	Inheritance	Tuition sessions: 4pm, 5pm, 6pm, 7pm & 8pm - Sex inheritance (XX & XY) - Eye colour inheritance - Recessive-linked inheritance (cystic fibrosis) - Dominant-linked inheritance (polydactyly) - Pedigree charts	16:00	21:00
19-05-2026	Chemistry	The Atmosphere	Tuition sessions: 4pm, 5pm, 6pm, 7pm & 8pm - Explain changes in: H ₂ O, CO ₂ , O ₂ , N ₂ - Greenhouse effect - Climate change - Pollutants of combustion	16:00	21:00
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25-05-2026	Biology	Exam Paper 2 Walkthrough	Tuition sessions: 4pm, 5pm, 6pm, 7pm & 8pm - Biology Paper 2 Walkthrough - Practice key exam questions from major topics.	10:00	20:00
26-05-2026	Chemistry	Exam Paper 2 Walkthrough	Tuition sessions: 4pm, 5pm, 6pm, 7pm & 8pm - Chemistry Paper 2 Walkthrough - Practice key exam questions from major topics.	10:00	20:00
27-05-2026	Physics	Paper 1 Exam Walkthrough	Tuition sessions: 4pm, 5pm, 6pm, 7pm & 8pm - We will go through key exam questions from major topics - Using real exam questions - Instant feedback on the exam questions	10:00	20:00
28-05-2026	Physics (Sep)	Paper 1 Exam Walkthrough	Tuition sessions: 4pm, 5pm, 6pm, 7pm & 8pm - We will go through key exam questions from major topics - Using real exam questions - Instant feedback on the exam questions	10:00	20:00
01-06-2026	Biology	Exam Paper 2 Walkthrough	Tuition sessions: 4pm, 5pm, 6pm, 7pm & 8pm - Biology Paper 2 Walkthrough - Practice key exam questions from major topics.	10:00	20:00
02-06-2026	Chemistry	Exam Paper 2 Walkthrough	Tuition sessions: 4pm, 5pm, 6pm, 7pm & 8pm - Chemistry Paper 2 Walkthrough - Practice key exam questions from major topics.	10:00	20:00
03-06-2026	Physics	Paper 1 Exam Walkthrough	Tuition sessions: 4pm, 5pm, 6pm, 7pm & 8pm - We will go through key exam questions from major topics - Using real exam questions - Instant feedback on the exam questions	10:00	20:00
04-06-2026	Physics (Sep)	Paper 1 Exam Walkthrough	Tuition sessions: 4pm, 5pm, 6pm, 7pm & 8pm - We will go through key exam questions from major topics - Using real exam questions - Instant feedback on the exam questions	10:00	20:00
08-06-2026	Biology	Exam Paper 2 Walkthrough	Tuition sessions: 4pm, 5pm, 6pm, 7pm & 8pm - Biology Paper 2 Walkthrough - Practice key exam questions from major topics.	10:00	20:00
09-06-2026	Chemistry	Exam Paper 2 Walkthrough	Tuition sessions: 4pm, 5pm, 6pm, 7pm & 8pm - Chemistry Paper 2 Walkthrough - Practice key exam questions from major topics.	10:00	20:00

10-06-2026	Physics	Paper 2 Exam Walkthrough	Tuition sessions: 4pm, 5pm, 6pm, 7pm & 8pm - We will go through key exam questions from major topics - Using real exam questions - Instant feedback on the exam questions	10:00	20:00
11-06-2026	Chemistry (Sep)	Exam Paper 2 Walkthrough	Tuition sessions: 4pm, 5pm, 6pm, 7pm & 8pm - Chemistry Paper 2 Walkthrough - Practice key exam questions from major topics.	10:00	20:00
15-06-2026	Physics	Exam Paper 2 Walkthrough	Tuition sessions: 4pm, 5pm, 6pm, 7pm & 8pm - Physics Paper 2 Walkthrough - Practice key exam questions from major topics.	10:00	20:00
16-06-2026	Physics	Exam Paper 2 Walkthrough	Tuition sessions: 4pm, 5pm, 6pm, 7pm & 8pm - Physics Paper 2 Walkthrough - Practice key exam questions from major topics.	10:00	21:00
17-06-2026	Physics	Paper 2 Exam Walkthrough	Tuition sessions: 4pm, 5pm, 6pm, 7pm & 8pm - We will go through key exam questions from major topics - Using real exam questions - Instant feedback on the exam questions	10:00	20:00
18-06-2026	Physics (Sep)	Exam Paper 2 Walkthrough	Tuition sessions: 4pm, 5pm, 6pm, 7pm & 8pm - Physics Paper 2 Walkthrough - Practice key exam questions from major topics.	10:00	20:00