

Edexcel International GCSE

Separate Sciences (Triple Award)

Paper 2 Masterclass Series

Led by Ms Ragi Marmar | Approved Edexcel Examiner | QTS | DBS Checked

Programme Overview

Following on from the Paper 1 Masterclass Week, this programme targets the most conceptually demanding and highest-mark elements of Paper 2 across Biology, Chemistry and Physics.

Each 2-hour session focuses exclusively on the extended bold specification content assessed in Paper 2. These areas differentiate strong candidates from top-grade candidates and require precision, fluency and disciplined scientific reasoning.

Sessions are academically rigorous and strategically structured to eliminate advanced misconceptions, strengthen extended responses and refine high-level quantitative problem solving.

This is focused examination mastery, not general revision.

Dates and Times

Tuesday 7th April – Biology Paper 2

Wednesday 8th April – Chemistry Paper 2

Thursday 9th April – Physics Paper 2

All sessions run from 11:30am to 1:30pm

Biology Paper 2 Focus

- DNA structure, RNA and the mechanism of protein synthesis
- Codominance, mutation and phenotype interpretation
- Kidney function and ADH regulation
- Plant gas exchange and transpiration control
- Vaccination, immunity and blood clotting
- Biodiversity measurement and nitrogen cycle analysis
- Cloning, micropropagation and transgenic applications

Chemistry Paper 2 Focus

- Advanced solubility curve interpretation
- Amount of substance and concentration calculations
- Gas volume calculations at rtp
- Metallic bonding and lattice modelling
- Electrolysis with precise half-equations
- Reactivity trends and extraction evaluation
- Titration technique and salt preparation
- Energy profiles and bond energy calculations
- Dynamic equilibrium analysis
- Alcohols, carboxylic acids, esters and polyesters

Physics Paper 2 Focus

- Momentum modelling and conservation
- Principle of moments and equilibrium
- Electrostatics and charge behaviour
- Oscilloscope and sound wave analysis
- Electricity generation evaluation
- Specific heat capacity modelling
- Transformer relationships
- Cosmology and red shift

Structure

Three focused 2-hour sessions | Maximum 8 students

Investment

Full 6-hour iGCSE Triple Science Paper 2 Programme: £360

Students are expected to attend all three sessions.

Enrolment and Booking

Confirmed enrolment and payment must be received by Monday 2nd March.

Places are strictly limited and allocated on a first come, first served basis.

Minimum enrolment of 4 students required to run.

Booking and Enquiries

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