

# The Gilbert School

Part of the Alpha Trust



EWA/lsc  
January 2025

Dear Parent/Carers

## RE: Year 11 GCSE Science revision sessions

Year 11 students are preparing for their first set of mock exams. The Science exams take place on the dates and times below.

Biology Paper 2	17.03.2025 PM
Chemistry Paper 2	19.03.2025 AM
Physics Paper 2	20.03.2025 PM

To help pupils to prepare for these exams (and the summer GCSEs), after school science revision are continuing.

Science revision will run from 15:30 every Thursday, for approximately one hour.

We will be following a 'menu' so pupils can select the session that they find most useful to attend. They do not need to attend the session run by their teacher.

I have included a list of the topics of all the revision sessions and rooms on the next page, and would ask you to encourage your child to attend these sessions.

Thank you for your continued support.

Yours faithfully

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KS4 Science coordinator

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Alpha Trust

Registered in England and Wales Company No 07755713

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Date	Subject (Please note, some session topics may change to adapt to emerging needs)		
	Chemistry	Biology	Physics
	Separate Sciences - Room 7, SWO (when available) Higher Paper - Room 12, LBE Foundation Paper - Room 5, KKA	Separate Sciences & Higher Paper - Room 16, SPE Foundation Paper - Room 17, EWA	Separate Sciences - Room 10, CAL Higher Paper - Room 6, CBR Foundation Paper - Room 8, CWI
23.01.2025	Atomic structure and the periodic table	Hints and Tips - Insider info from the examiner team leader!	CP7/8 Forces, work, and their effects  SP8/9 Forces, work and their effects (plus Moments/Gears)
30.01.2025	Bonding, Ionic and Covalent	Photosynthesis, Transpiration and Translocation (Bio to include plant hormones)	Electric circuits  SP10 Electric circuits & Resistance
06.02.2025	Calculations involving masses (masses, empirical formula, and moles)	Hormones and the menstrual cycle	Resistance including core practical  SP10 Using equations linked to circuits
13.02.2025	Groups in the Periodic Table (Group1, Group7 and Group0)	Diabetes and control of blood sugar (Bio Thermoregulation)	Using equations linked to circuits including power  SP11 Static Electricity
27.02.2025	Rates of reactions	Exchange and transport (circulatory system and cellular respiration)	Magnetism, and the motor effect  SP12-13 Magnetism & the motor effect and EM Induction
06.03.2025	Fuels (Alkenes and Alkanes)	Nutrient cycles	SP14 Density and changes of state
13.03.2025	How the earth's atmosphere has changed	Paper 2 prep	SP14 Gas temperature and pressure