

19 April 2024

Dear Parent/Carer,

### **GCSE Support from the Science Department**

I hope this letter finds you well and that your child is settling back into their studies after the recent break. All our Year 11 students have made an exceptional start to the new term in Science. Their dedication and hard work are truly commendable, and it is evident that they are determined to succeed in their academic endeavours.

As we approach the GCSE exams, it is essential to recognise the significance of Science in your child's academic journey. Science constitutes at least two GCSEs for each student, highlighting its importance in shaping their future educational and career pathways.

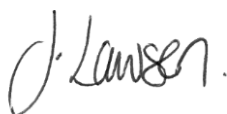
To ensure that our students are well-prepared for their exams, we have implemented a range of support initiatives, including:

- In-school revision programmes integrated into their lessons to provide focussed support, exam practice and guidance tailored to their individual needs.
- "Smash Your Target" sessions via Google classroom, scheduled to run Monday to Thursday from 4:15 to 4:45, offering additional opportunities for students to consolidate their learning and address any areas of concern. The timetable for this can be found attached.
- Weekly Seneca tasks designed to reinforce key concepts and facilitate independent study.
- Weekly revision tasks and exam practice materials set for homework, allowing students to further consolidate their learning and prepare effectively for their exams.
- A core knowledge booklet for each exam, which has been designed to support them in revising key concepts and topics.
- A booklet of core knowledge questions to further enhance student understanding and prepare for exams.

As we approach the first Biology exam (Friday 10 May), I would like to take this opportunity to thank you for your ongoing support with your child's revision at home. Parents play an invaluable role in our students' success. As we enter this crucial period, please continue to encourage revision at home (a minimum of 2 hours a night is recommended).

If you have any questions, concerns, or require further information about the support available, please do not hesitate to contact us.

Kind regards,



**Mrs J Lawson**  
**Curriculum Leader of Science**

### Science - Smash Your Target Sessions

There will be separate sessions running for Higher tier and Foundation tier. Students should join the relevant Google Classroom to access the correct tier session.

Higher tier Google Classroom code - qs5kkar

Foundation tier Google Classroom code - 6ep6e5v

Week	Monday	Tuesday	Wednesday	Thursday
15.04.24		Resultant forces and vector diagrams	Inheritance - Evolution	Rates of reaction RP
22.04.24	Properties of EM waves and IR RP	Distribution RP quadrats and calculating area	Vaccinations and Drug development	Organic chemistry - fractional distillation and cracking
29.04.24	Electrolysis	Energy stores and systems	Microscopy	Exothermic and endothermic reactions
06.05.24		Tackling explain questions for the electricity topic	Plant organ systems: transpiration and translocation	Response to exercise and metabolism
13.05.24	Nervous system	Atoms and isotopes chemistry and physics overlap	Ionic bonding and properties	Covalent structures
20.05.24	Particle model and pressure	Atoms and nuclear radiation	Menstrual cycle and IVF	Evolution of the atmosphere and global warming