

20 May 2019

Dear Parents and Students,

**Re: Year 10 Science end of year Pre-Public exams**

I am writing to inform you that Year 10 students will be sitting pre-public Science exams in the week beginning 10<sup>th</sup> June 2019. The exams will take place in their normal Science lessons. All students will sit an exam paper 1 for Biology, Chemistry and Physics. These papers are 1 hour and 10 minutes in length.

This is the first time that students have been entered for either foundation tier (grade 1-5) or higher tier (grade 4-9) full-length papers. We have had individual discussions with students and have used the student's MEG, the advice from Edexcel (the exam board), and the student's performance in other internal testing to decide on their tier of entry in these examinations. We will use the results of these PPE exams to make further adjustments to tiers of entry as we move into Year 11. If students were to show a very strong grade 5 performance at foundation tier we may move them to higher tier papers; equally students who cannot demonstrate that they can access the higher tier paper could be moved to foundation tier.

I would encourage all students to prepare thoroughly for these examinations, it is important that they are able to see the standard that they have reached at the end of Year 10. You have received other letters regarding exams with information about useful strategies to revise and I would reiterate the importance of good quality, active revision.

If you do not have them already it is a good point to purchase revision guides and workbooks from [www.ccs.northants.sch.uk/revisiionguides](http://www.ccs.northants.sch.uk/revisiionguides). You can also access walk-through material for all the topics on [www.gcsepod.com](http://www.gcsepod.com). A large number of our GCSE students are also using a website [www.senecalearning.com](http://www.senecalearning.com) – most of the content is freely available although it is possible to purchase a premium subscription to this site.

The topics students need to revise for Paper 1 are;

Biology	Chemistry	Physics
CB1 – Key concepts in Biology	CC1/2 – States of matter/separating substances	CP1 – Motion
CB2 – Cells and control	CC3 – Atomic Structure	CP2 – Motion and forces
CB3 – Genetics	CC4 – The Periodic Table	CP3 – Conservation of energy
CB4 – Natural selection and Genetic Modification	CC5/6/7 – Bonding and Types of substance	CP4 – Waves
CB5 – Health, Disease and the Development of Medicines	CC8 – Acids and Alkalis	CP5 – Light and the Electromagnetic spectrum
	CC9 – Calculations involving masses	CP6 – Radioactivity
	CC10 – Electrolytic processes	
	CC11 – Obtaining and using metals	
	CC12 – Reversible reactions and equilibria	

Yours sincerely,

Mr S Gregson  
Head of Science

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**Principal:** David James **Vice Principals:** Andrew Fisher Katherine Patterson Gary Wakefield

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