SCIENCE

Before the exam

- Revise by
  1) Breaking up each unit into smaller chunks
  2) Re-read your notes / revision guide on a 'chunk' of a topic
  3) Cover the information, and writing notes on cue-cards or a mind map
  4) Check it is correct and complete (add to it if necessary)
  5) Move through the rest of the unit in the same way
  6) Test your knowledge – using short, snappy questions (available from school)
  7) When you can *remember* the information and answer quick questions, move on exam style questions (available from school)
- Learn key words – including terms about Working Scientifically
- Remember to include the Required Practical Activities as part of your revision – you need to know what the variables are, why certain equipment is used, how to explain the results, and how to evaluate the practical method

In the exam

- Bring a scientific calculator, pencil and ruler
- Read questions carefully; underline key scientific terms, and circle the command words
- Remember it is approximately 1 mark per minute, plus a bit extra to..
- Re-read your answers - especially longer questions

What to revise

You will have **6 exams: two for each science**

- Paper 1s are in the first week; Paper 2s are in the second week
- BUT just like in the summer exams, there is not much time between them – so begin preparing early, and do it steadily

	Paper 1 (Week 1)	Paper 2 (Week 2)
Biology	<u>Units 1-4</u> • Cell biology • Organisation • Infection & response • Bioenergetics	<u>Units 5-6</u> • Homeostasis & response • Inheritance, variation and evolution
Chemistry	<u>Units 1-5</u> • Atomic structure & periodic table • Bonding, structure, & properties • Quantitative chemistry • Chemical changes • Energy changes	<u>Units 6-8</u> • Rate and extent of chemical change • Organic chemistry • Chemical analysis
Physics	<u>Units 1-4</u> • Energy • Electricity • Particle model of matter • Atomic structure	<u>Units 5-6</u> • Forces • Waves

<u>Separate Science vs Combined Science</u> – these exams cover the same units for everyone but Separate Science has extra content in each unit (so the Separates exams are longer)

<u>NB</u> - When we get to the Summer exams, <u>Separate Science</u> students DO have ONE extra unit – for Physics (Unit 8: Space) but we have NOT yet done this, so it WILL NOT be on the January mock exams.