

# Y11 Science Mock Exams – START REVISING NOW!!

**REVISE!**

**How long will each paper be?**

**A:** 1 hour long and 60 marks for Combined and 1 hour 45 minutes long and 100 marks for Separates.

**What content will be covered in the exam?**

**A:** All of your exam papers will cover content from the **Paper 1** topics only. You will need to revise:

Edexcel Combined Science resources reference
<b>BIOLOGY</b>
<b>B1</b> Key Concepts in Biology
<b>B2</b> Cells and Controls
<b>B3</b> Genetics
<b>B4</b> Natural Selection and Genetic Modification
<b>B5</b> Health, Disease and the Development of Medicines
<b>CHEMISTRY</b>
Key concepts in Chemistry:
<b>C3</b> Atomic Structure
<b>C4</b> The Periodic Table
<b>C5</b> Ionic Bonding
<b>C6</b> Covalent Bonding
<b>C7</b> Types of Substance
<b>C9</b> Calculations Involving Masses
<b>C1</b> States of Matter
<b>C2</b> Methods of Separating and Purifying Substances
<b>C8</b> Acids and Alkalis
<b>C10</b> Electrolytic Processes
<b>C11</b> Obtaining and Using Metals
<b>C12</b> Reversible Reactions and Equilibria
<b>C13</b> <i>Transition Metals, Alloys and Corrosion (Separates only)</i>
<b>C14</b> <i>Quantitative Analysis (Separates only)</i>
<b>C15</b> <i>Dynamic Equilibria, Calculations involving Volumes of gases (Separates only)</i>
<b>C16</b> <i>Chemical Cells and Fuel Cells (Separates only)</i>
<b>PHYSICS</b>
Key concepts in Physics:
Recall and use the SI units for physical quantities and mathematical formulae
<b>P1</b> Motion
<b>P2</b> Forces and Motion
<b>P3</b> Conservation of Energy
<b>P4</b> Waves
<b>P5</b> Light and the Electromagnetic Spectrum
<b>P6</b> Radioactivity
<b>P7</b> <i>Astronomy (Separates only)</i>
<b>MATHS SKILLS</b>
<b>1.2</b> Recall and use multiples and sub-multiples of units, including giga (G), mega (M), kilo (k), centi (c), milli (m), micro ( $\mu$ ) and nano (n)
<b>1.3</b> Be able to convert between different units, including hours to seconds
<b>1.4</b> Use significant figures and standard form where appropriate

Revision tips:

- Make a revision **TIMETABLE** - a template is available from Miss Torr
- Use your exercise books and **REVISION GUIDES** (if you don't have one buy one on parent pay)
- Attend boosters which are after school every **WEDNESDAY & THURSDAY!!**