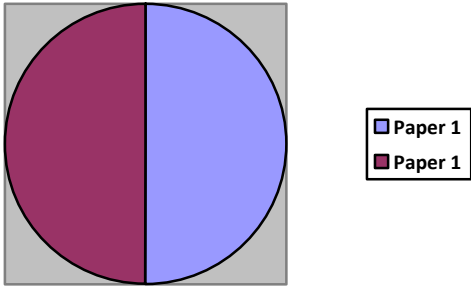


# PHYSICS (TRIPLE SCIENCE) - GCSE

<b>PHYSICS GCSE</b>	<b>EDEXCEL SPECIFICATION 1PH0</b>
<p>Physics – at a glance</p> <p>NB Both Physics exams must be taken at the end of the course in Year 11 (2018) and there is no opportunity for resits. Students will also be given mock exams and interim tests to inform progress.</p> <div data-bbox="331 495 804 779">  </div>	<p><b>Paper 1 (1PH0/1F or 1PH1/1H) (1h 45 mins)</b></p> <p><b>Key topics:</b></p> <ul style="list-style-type: none"> <li>• Topic 1 – Key concepts of physics</li> <li>• Topic 2 – Motion and forces</li> <li>• Topic 3 – Conservation of energy</li> <li>• Topic 4 – Waves</li> <li>• Topic 5 – Light and the electromagnetic spectrum</li> <li>• Topic 6 – Radioactivity</li> <li>• Topic 7 - Astronomy</li> </ul> <p><b>Paper 2 (1PH0/2F or 1PH1/2H) (1h 45 mins)</b></p> <p><b>Key topics:</b></p> <ul style="list-style-type: none"> <li>• Topic 1 – Key concepts of physics</li> <li>• Topic 8 – Energy - Forces doing work</li> <li>• Topic 9 – Forces and their effects</li> <li>• Topic 10 – Electricity and circuits</li> <li>• Topic 11 – Static electricity</li> <li>• Topic 12 – Magnetism and the motor effect</li> <li>• Topic 13 – Electromagnetic induction</li> <li>• Topic 14 – Particle model</li> <li>• Topic 15 – Forces and matter</li> </ul>
<b>SUCCESS TIPS</b>	
<p><b>Lessons and homework</b></p> <ul style="list-style-type: none"> <li>• Ensure that you are comfortable with using (and for Higher Tier, rearranging) simple equations. Ask, and then <u>ask again</u> if you're not sure!</li> <li>• Bring a calculator.</li> <li>• Use your marking feedback to focus on your weaknesses next time.</li> <li>• Always attempt homework tasks early – this will ensure that you have time to ask for help.</li> <li>• Do not worry if the content seems tricky at first glance – it's not designed to be too easy! Ask for help, use your marking stickers and consult a revision guide. It WILL become clearer if you follow this routine.</li> <li>• If you are confident, attempt the extension tasks: these will push you further and also ensure that you attain mastery of the easier questions</li> </ul> <p><b>Exam Papers</b></p> <ul style="list-style-type: none"> <li>• Make sure you know if you are sitting the Foundation (1-5) or the Higher (4-9) Tier Paper. Your tier of entry will be established through a combination of interim and mock exams and discussed with you during the year.</li> <li>• Use your revision guide to help you with classwork, homework and revision.</li> <li>• Each exam paper is 1h 45 minutes long and is worth 100 marks, so make sure you spend roughly a minute for every mark on the paper.</li> <li>• Each question starts off easier and gradually gets harder. The next question will then start off easier again, so don't stop if it gets hard.</li> <li>• When a question is worth more than one mark, make sure you make more than one point - for example, a three mark question will need three separate points.</li> <li>• Two questions in each exam paper will be worth six marks to test the quality of written communication. It is really important that you spell scientific words correctly and make sure you have included lots of scientific detail in your answer.</li> <li>• For any calculations make sure you show your working out and include the correct units.</li> <li>• For questions where you have to read information from a graph, use a ruler and be accurate!</li> <li>• There will be questions linked to core practicals you have done in lessons, where examiners will ask you to recall experimental procedures or recommend improvements. It is therefore important that you have also spent time looking over these.</li> </ul>	