Independent Study Guide

Bishop Stopford School
faith | justice | responsibility | truth | compassion

In A-Level Physics you should…

After each lesson…

- Review and correct content covered in each lesson paying particular attention to accuracy of your notes e.g. do you know what the equation and units are? Are all questions given in class answered and fully reviewed?
- Read relevant section of textbook, highlight key points in textbook and add further annotations to your notes.
- File the lesson materials in the correct section of your folder. Do not let loose sheets accumulate.
- Complete homework set during the lesson, refer to Edulink for description of homework and due date.

Every week…

- Review content covered during week and check relevant section of specification – add further annotations to notes where necessary, especially required definitions.
- Check all homework completed in full – do not omit any questions, if unsure revisit your notes or ask another student. If you are still unsure, speak to your teacher as subsequent topics will rely on you having a sound understanding of earlier content.
- Use resources like Isaac physics or physics and maths tutor to check understanding

Every term …

- At end of each chapter, make sure you have completed the independent workbook, these have been created to stretch and challenge your subject knowledge and apply your understanding.
- Revisit all tests completed during term, check that test papers are fully annotated and that you understand physics behind the corrections. Where anything is unclear, revisit your notes and relevant section of textbook, then ask a peer and then a teacher.
- Check/review PAGs, ensure all extension questions have been completed and checked. 20% of the final exams is directly linked to the Practical Endorsement. Identify skills that have not been passed and be clear about what it is that you need to do to achieve them.

Every year…

- Revisit the foundations and practical skills elements of the physics course, these are often overlooked and make up at least 20% of questions.
- Attempt past paper questions from full papers and apply mark scheme, so you can see synoptic links (what questions and topics go together)
- Read examiners reports to identify where weaker students lose marks and how more able students access higher marks.
- Map out the mathematical skills and units that underpin each area, knowing the skills and units can help problem solve the most difficult questions.
- Create flash cards and test yourself regularly.