

Y11 Parents' Evening – Physics GCSE Information Sheet

AQA GCSE Physics: Specification - <https://www.aqa.org.uk/subjects/science/gcse/physics-8463>

Examination Information:

GCSE Physics is assessed at Foundation Tier (grades 1-5) **OR** Higher Tier (grades 4-9). All question papers must be taken at the same tier. Students sit two papers. Each paper lasts 1 hour and 45 minutes and contributes 50% to the students final grade. Each paper comprises multiple choice, structured, closed short answer and open response questions.

The Department for Education has required that exam boards retain full specification content for all science exams so there are no adjustments to consider in content or length of assessments. Information on the content of exams will be released on 7 February 2022. A special equation sheet containing all the required equations for the physics content will be used for 2022 only

Paper 1 covers four topics: energy, electricity, particle model of matter and atomic structure.

Paper 2 covers the topics forces, waves, magnetism and electromagnetism and space physics. Questions may also draw on understanding of energy changes and transfers due to heating, mechanical and electrical work and the concept of energy conservation from the energy and electricity topics.

How you can support your child:

A quiet space to work and a regular routine for completing homework are highly recommended.

In order to achieve the best possible overall grade for their Physics GCSE we strongly recommend that students get into the habit of regular revision. Revision time could be spent revising from their notes or knowledge builders, completing past examination questions and then correcting their answers using the mark scheme, learning and applying key equations and definitions, recapping key concepts using the lessons on Oak Academy or testing themselves using their revision guide.

Key Websites:

<https://isaacphysics.org/gcse> – Excellent resource for practicing problem solving techniques.

<https://www.aqa.org.uk/subjects/science/gcse/physics-8463> - source of past examination papers and mark schemes.

www.thenational.academy – Oak Academy, a national academy of online lessons.

Myvle:

Online learning instructions and revision resources are available to students on Myvle – 2021-22 Physics Y11. It is important that if students are away from school then they follow the online learning instructions as best they can.

If you have any queries at any time please do not hesitate to contact the Science Department via the school or via email: info@ladymanners.derbyshire.sch.uk