

A LEVEL PHYSICS REVISION GUIDANCE AND RESOURCES

Remember

- Note taking is not revision, it is preparation for revision.
- Reading a textbook is too passive – revision needs to be active.
- Vary your revision activities.
- Six hours of Physics study per week outside of lesson time over the period of the course could lead you to a C grade. If you have not averaged this amount of study then you will need to put more hours in per week to catch up.

An effective revision system could be:

- 1 – work through a set of questions (could be a past paper, a set of multichoice questions or a worksheet).
- 2 – self-assess the answers, highlighting weaker areas.
- 3 – review and strengthen the weaker areas.
- 4 – repeat the above but in a different area of the course.
- 5 – a week later find and attempt questions based on the previously identified weaker areas and assess whether or not they have been strengthened.

Strongly recommended:

- Read through examiner reports – these highlight the strengths and weaknesses of actual candidate answers.
- Read through the exemplar materials – these are written by principle examiners explaining why actual responses did or did not gain a mark. Very useful for 6 mark level of response questions.
- <https://ocr.org.uk/qualifications/as-and-a-level/physics-a-h156-h556-from-2015/assessment/>

On MSTEams in the Y12 Physics Team:

- Sets of multichoice questions.
- Advice on practicals that need to be learnt and formulae that need to be remembered and / or derived.
- Practice exam papers – zig zag folder.
- Past Papers and Mark Schemes.
- Revision notes.
- Worksheets and mark schemes.
- Questions and mark schemes from revision sessions.
- Module tests and mark schemes.
- Set of answers to the textbook.
- The A level specification.

Kerboodle:

You can access a different textbook – useful if the textbook you have does not give you what you want. Also you have different questions to the ones in our textbook.

There are other resources such as retrieval questions, revision podcasts, interactive quizzes and worksheets. If you require any mark schemes to any work you do from kerboodle then ask.

Video resources:

- A level Physics online, to which we have subscribed so the year 2 videos can be accessed (<https://www.alevelphysicsonline.com/> “email” is physics@beths.com Password is bethsphysics).
- Gorilla Physics (YouTube).
- DrPhysicsA (YouTube).

Isaac Physics:

Self-marking online questions – good to practice and strengthen problem solving skills. Also contains information, hints and advice.

Past papers:

From the old specification G481 (new module 3) and G482 (new module 4) papers are relevant to year 1 and G484 (new module 5) and G485 (new module 6) papers are relevant to year 2. These can be found on Fronter.

Current specification papers and mark schemes can be found on Fronter (itslearning) or accessed from OCR - <https://www.ocr.org.uk/qualifications/as-and-a-level/physics-a-h156-h556-from-2015/assessment/>

Suggested revision websites:

- <https://examsmasher.com/>
- http://www.cyberphysics.co.uk/key_stage/KS5.htm
- <http://physicsnet.co.uk/>
- <http://www.a-levelphysicstutor.com/>
- <https://revision.xtremepape.rs/a-level/physics/>