

## A level Electronics Revision Guide 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 multiple choice 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.
- Exam questions, mark schemes and examiners' reports are available on an easy to search website here: <https://www.wjec.co.uk/question-bank/question-search.html> - if you are using Google Chrome you may need to click the reload button (circular arrow next to the home icon top left) if the Subject drop down box does not work.
- Full WJEC past papers with mark schemes (which are similar to, but not the same as, the current Eduqas specification) are available here: <https://www.wjec.co.uk/qualifications/qualification-resources.html?subject=Electronics&level=GCEASA&pastpaper=true>
- Short YouTube videos to A level standard are available here: [https://www.youtube.com/playlist?list=PLVppgNLuhu-VkvinV2zn7c9jXE6\\_9dyZW](https://www.youtube.com/playlist?list=PLVppgNLuhu-VkvinV2zn7c9jXE6_9dyZW) these were recorded for the OCR A Level, so some may be different or may not be required, but voltage divider, op amps, D type flip flops, 0-n counters, de Morgan's, truth tables, resistors and diodes, NAND only, logic gates, Boolean logic and FETs as switches videos are all relevant.
- There are some basic video lessons on GCSE Pod in the Physics/3/Electricity section: <https://members.gcsepod.com/shared/podcasts/title/10504>
- Online text book for AS <https://resources.eduqas.co.uk/Pages/ResourceSingle.aspx?rlid=937>
- Online text book for A2 <https://resources.eduqas.co.uk/Pages/ResourceSingle.aspx?rlid=1179>