

GCSE 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.

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=GCSE&pastpaper=true>
- Short YouTube videos to A level standard are available here: https://www.youtube.com/playlist?list=PLVppgNLuhu-VkvinV2zn7c9jXE6_9dyZW Some of these will be too detailed, but the 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 are all relevant
- There are some GCSE Pod revision lessons in the Physics/3/Electricity section: <https://members.gcsepod.com/shared/podcasts/title/10504>
- And the wonderful online text book: <https://resources.eduqas.co.uk/Pages/ResourceSingle.aspx?rId=938>

Revision work and guidance will be set on Show My Homework