

Structure of Exam

In GCSE Electronic Products you have two assessment pieces:

- Controlled Assessment Task (60%)
- Examination (40%)

Your examination is out of 120 marks and is 2 hours in length. Your exam is split into two sections.

Section A: based around a designing style question and around the exam theme

Section B: examination on knowledge of the key topics and circuits

In the front of your paper there is a copy of the formulae that you need to know and the resistor colour code.

Exam Theme: The designing questions in the exam will be based on the following theme: *Products which help to improve the safety of road users*". Guidance on this will be given in lessons.

Exam Paper Links

The Electronic Products course is by AQA. There are numerous papers available on the AQA website with mark schemes and examiners reports under each section. Click the link below to view them:

[AQA Electronic Products](#)

Exam papers are under the Unit 1 sub headings. Click the arrow to open them up.

Useful Websites / Apps

BBC Bitesize

See PLC for specific pages per topic

www.bbc.co.uk/bitesize

Technology Student

www.technologystudent.com

GCSE Electronics APP (iOS only)

[App Store Link](#)

Easter Revision Activities

Revision Tasks to be completed:

- Learn the circuit symbols (printed sheet given out and sheet on Firefly / revision folder)
- Complete the exam questions given as a paper copy and as a digital copy on Firefly. This includes key circuit questions.

Other structured revision activities:

- Use your completed PLC to find key topics you need to look into.
- Use the website links on the PLC to revise and research into the areas you are unsure about.
- Using the links to the exam papers try and find a question that tests your knowledge on that area.
- Practice the designing questions. Look at the question, check the bullet points, answer it and then check the mark scheme. **Remember to annotate your ideas.**

Tips to Answer Common Questions

Top 5 Tips:

1. In the designing question **thoroughly read the question**. It sounds simple but make sure you are clear with:
 - Whether it is asking for a **case** or a **circuit design**
 - If it has **bullet points** listing what is required in the idea (this is where the marks are!)
2. Ensure you understand **explain, describe and give examples** it is important to understand what is expected in each question.
3. If being asked to **draw circuits or PCB's** use a ruler and a pencil. Circuits are wires and component symbols. PCBs are tracks and pads.
4. When you get a longer question **break it down into chunks**. For example if it is asking for advantages and disadvantages and it is worth 8 marks you need to think of four advantages and four disadvantages.
5. There will be a question on **PICs!** Don't avoid learning about how to design a flow chart. There will defiantly be a question!