

**Subject: Electronics GCSE**

**Exam Board: WJEC**

**Mock paper:** e.g. 1 hour 30 minutes 40%

**Paper Content:**

A mix of short answer questions, structured questions and extended writing questions, with some set in a practical context based around unit 1 'Discovering Electronics' and unit 2 'Application of Electronics'

**Useful revision resources:**

Books : Success in Electronics by Tom Duncan

Website : <https://resources.edugas.co.uk/Pages/ResourceSingle.aspx?rlid=937> (Digital eBook)

Knowledge organisers:

**Revision areas to be covered:**

- RC timer & Ohms Law
- Power calculations
- Flowcharts
- Transistor calculations regarding HFE and IC&IB
- Logic – recognising gates and truth table for each gate. Some combinational logic.
- Boolean equations
- 555 astable and monostable circuits.