

Subject: Electronics GCSE

Exam Board: WJEC

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

Paper 1 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'

Useful revision resources:

Books : Success in Electronics by Tom Duncan

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

Revision Tips

You will get most of the formulas on the formulas sheet, but you must revise when and where to use them.

Topic area to cover		Understand	Process & Create	Drill and Practice
Autumn Half Term	Outline revision area(s) to be covered			
31/10/2022	<ul style="list-style-type: none">RC timer & Ohms LawPower calculationsKirchoffs Law & Potential dividers			
07/11/2022	<ul style="list-style-type: none">Power calculations			
14/11/2022	<ul style="list-style-type: none">Transistor calculations regarding HFE and IC&IB			
21/11/2022	<ul style="list-style-type: none">Logic – recognising gates and truth table for each gate. Some combinational logic			
28/11/2022	<ul style="list-style-type: none">D type flip flopBlock/System diagrams			
05/12/2022	<ul style="list-style-type: none">Sensors – LDR and Thermistor properties			
12/12/2022	<ul style="list-style-type: none">555 astable and monostable circuits.			