

Subject: Electronics GCSE

Exam Board: WJEC

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

Mock Paper 2: 55 minutes (2/3 paper) 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'

Paper 2 Content:

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

Useful revision resources:

Books : Success in Electronics by Tom Duncan

Website : <https://resources.edugas.co.uk/Pages/ResourceSingle.aspx?rId=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
Winter Half Term	Outline revision area(s) to be covered			
17/01/2022	<ul style="list-style-type: none">RC timer & Ohms LawPower calculationsKirchoffs Law & Potential dividers			
31/01/2022	<ul style="list-style-type: none">Power calculations			
07/02/2022	<ul style="list-style-type: none">Transistor calculations regarding HFE and IC&IB			
14/02/2022	<ul style="list-style-type: none">Logic – recognising gates and truth table for each gate. Some combinational logic			
21/02/2022	<ul style="list-style-type: none">D type flip flop			
28/02/2022	<ul style="list-style-type: none">Sensors – LDR and Thermistor properties			
07/03/2022	<ul style="list-style-type: none">555 astable and monostable circuits.			