

**Subject: Electronics GCSE**

**Exam Board: WJEC**

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

**Mock Paper 2:** 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'

**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?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
<b>Autumn Half Term</b>	<b>Outline revision area(s) to be covered</b>			
<b>01/11/2021</b>	<ul style="list-style-type: none"><li>RC timer &amp; Ohms Law</li><li>Power calculations</li><li>Kirchoffs Law &amp; Potential dividers</li></ul>			
<b>08/11/2021</b>	<ul style="list-style-type: none"><li>Power calculations</li></ul>			
<b>15/11/2021</b>	<ul style="list-style-type: none"><li>Transistor calculations regarding HFE and IC&amp;IB</li></ul>			
<b>22/11/2021</b>	<ul style="list-style-type: none"><li>Logic – recognising gates and truth table for each gate. Some combinational logic</li></ul>			
<b>29/11/2021</b>	<ul style="list-style-type: none"><li>D type flip flop</li><li>Block/System diagrams</li></ul>			
<b>06/12/2021</b>	<ul style="list-style-type: none"><li>Sensors – LDR and Thermistor properties</li></ul>			
<b>13/12/2021</b>	<ul style="list-style-type: none"><li>555 astable and monostable circuits.</li></ul>			