



## Year 11 Combined Chemistry (Higher) Revision Checklist 2021

Subject Combined Chemistry		Paper Chemistry Paper One (higher)	Duration 1 hour and 15 minutes
What to revise		How to revise it	
1	Atomic structure and the periodic table – atoms, elements and compounds	<a href="https://www.bbc.com/bitesize/guides/zy4pmsg/revision/1">https://www.bbc.com/bitesize/guides/zy4pmsg/revision/1</a> Collins all in one revision and practice pages 88, 110, 128	
2	Atomic structure and the periodic table – mixtures	<a href="https://www.bbc.com/bitesize/guides/z3iy6yc/revision/1">https://www.bbc.com/bitesize/guides/z3iy6yc/revision/1</a> Collins all in one revision and practice pages 88, 110, 128	
3	Atomic structure and the periodic table – atomic structure	<a href="https://www.bbc.com/bitesize/guides/zwn8b82/revision/1">https://www.bbc.com/bitesize/guides/zwn8b82/revision/1</a> Collins all in one revision and practice pages 90, 110, 128	
4	Atomic structure and the periodic table – the periodic table	<a href="https://www.bbc.com/bitesize/guides/zwt2k2p/revision/1">https://www.bbc.com/bitesize/guides/zwt2k2p/revision/1</a> Collins all in one revision and practice pages 92, 110, 129	
5	Atomic structure and the periodic table – groups in the periodic table	<a href="https://www.bbc.com/bitesize/guides/ztrxdxs/revision/1">https://www.bbc.com/bitesize/guides/ztrxdxs/revision/1</a> Collins all in one revision and practice pages 92, 110, 129	
6	Bonding, structure and the properties of matter – the three states of matter	<a href="https://www.bbc.com/bitesize/guides/zwsdgdM/revision/1">https://www.bbc.com/bitesize/guides/zwsdgdM/revision/1</a> Collins all in one revision and practice pages 94, 111, 129	
7	Bonding, structure and the properties of matter – ionic compounds	<a href="https://www.bbc.com/bitesize/guides/ztc6w6f/revision/1">https://www.bbc.com/bitesize/guides/ztc6w6f/revision/1</a> Collins all in one revision and practice pages 96, 111, 129	
8	Bonding, structure and the properties of matter – small molecules	<a href="https://www.bbc.com/bitesize/guides/z373h39/revision/1">https://www.bbc.com/bitesize/guides/z373h39/revision/1</a> Collins all in one revision and practice pages 98, 112, 130	
9	Bonding, structure and the properties of matter – giant covalent molecules	<a href="https://www.bbc.com/bitesize/guides/zgq8b82/revision/1">https://www.bbc.com/bitesize/guides/zgq8b82/revision/1</a> Collins all in one revision and practice pages 92, 98, 110, 112, 129, 130	
10	Bonding, structure and the properties of matter – metals and alloys	<a href="https://www.bbc.com/bitesize/guides/ztgy6yc/revision/1">https://www.bbc.com/bitesize/guides/ztgy6yc/revision/1</a> Collins all in one revision and practice pages 100, 112, 130	
11	Quantitative chemistry – calculations in chemistry	<a href="https://www.bbc.com/bitesize/guides/z2bfxfr/revision/1">https://www.bbc.com/bitesize/guides/z2bfxfr/revision/1</a> Collins all in one revision and practice pages 102, 104, 112, 113, 131	
12	Quantitative chemistry – calculations in chemistry higher	<a href="https://www.bbc.com/bitesize/guides/zyjk3k7/revision/1">https://www.bbc.com/bitesize/guides/zyjk3k7/revision/1</a> Collins all in one revision and practice pages 102, 104, 112, 113, 131	
13	Chemical changes – reactions of metals	<a href="https://www.bbc.com/bitesize/guides/zy7dgdM/revision/1">https://www.bbc.com/bitesize/guides/zy7dgdM/revision/1</a> Collins all in one revision and practice pages 114, 132, 150	
14	Chemical changes – acids, alkalis and salts	<a href="https://www.bbc.com/bitesize/guides/ztv2dxs/revision/1">https://www.bbc.com/bitesize/guides/ztv2dxs/revision/1</a> Collins all in one revision and practice pages 116, 132, 150	
15	Chemical changes - electrolysis	<a href="https://www.bbc.com/bitesize/guides/z9h9v9q/revision/1">https://www.bbc.com/bitesize/guides/z9h9v9q/revision/1</a> Collins all in one revision and practice pages 118, 133, 151	
16	Energy changes- endothermic and exothermic reactions	<a href="https://www.bbc.com/bitesize/guides/z2b2k2p/revision/1">https://www.bbc.com/bitesize/guides/z2b2k2p/revision/1</a> Collins all in one revision and practice pages 120, 122, 134, 152	

Atomic structure and the periodic table exam practice questions

<https://www.bbc.com/bitesize/guides/zyndcj6/revision/1>

Bonding, structure and the properties of matter exam practice questions

<https://www.bbc.com/bitesize/guides/z99pmsg/revision/1>

Quantitative chemistry exam practice questions <https://www.bbc.com/bitesize/guides/zwwyh39/revision/1>

Chemical changes exam practice questions <https://www.bbc.com/bitesize/guides/z22gfcw/revision/1>

Energy changes exam practice questions <https://www.bbc.com/bitesize/guides/zxxcv9q/revision/1>

Please also use SENECA for more practice questions. Make sure you select topics 1 – 5 only.