



Year 11 Combined Chemistry Foundation Revision Checklist 2021

Subject Combined Chemistry		Paper Chemistry Paper One (foundation)	Duration 1 hour and 15 minutes
What to revise		How to revise it	
1	Atomic structure and the periodic table – atoms, elements and compounds	https://www.bbc.com/bitesize/guides/zy4pmsg/revision/1 Collins all in one revision and practice pages 88, 108, 124	
2	Atomic structure and the periodic table – mixtures	https://www.bbc.com/bitesize/guides/z3jy6yc/revision/1 Collins all in one revision and practice pages 88, 108, 124	
3	Atomic structure and the periodic table – atomic structure	https://www.bbc.com/bitesize/guides/zwn8b82/revision/1 Collins all in one revision and practice pages 90, 108, 124	
4	Atomic structure and the periodic table – the periodic table	https://www.bbc.com/bitesize/guides/zwt2k2p/revision/1 Collins all in one revision and practice pages 92, 108, 125	
5	Atomic structure and the periodic table – groups in the periodic table	https://www.bbc.com/bitesize/guides/ztrxdxs/revision/1 Collins all in one revision and practice pages 92, 108, 125	
6	Bonding, structure and the properties of matter – the three states of matter	https://www.bbc.com/bitesize/guides/zwsdgd/revision/1 Collins all in one revision and practice pages 94, 109, 125	
7	Bonding, structure and the properties of matter – ionic compounds	https://www.bbc.com/bitesize/guides/ztc6w6f/revision/1 Collins all in one revision and practice pages 96, 109, 125	
8	Bonding, structure and the properties of matter – small molecules	https://www.bbc.com/bitesize/guides/z373h39/revision/1 Collins all in one revision and practice pages 98, 110, 126	
9	Bonding, structure and the properties of matter – giant covalent molecules	https://www.bbc.com/bitesize/guides/zgq8b82/revision/1 Collins all in one revision and practice pages 98, 100, 110, 126, 127	
10	Bonding, structure and the properties of matter – metals and alloys	https://www.bbc.com/bitesize/guides/ztgy6yc/revision/1 Collins all in one revision and practice pages 100, 110, 127	
11	Quantitative chemistry – calculations in chemistry	https://www.bbc.com/bitesize/guides/z2bfxf/revision/1 Collins all in one revision and practice pages 102, 111, 127	
12	Chemical changes – reactions of metals	https://www.bbc.com/bitesize/guides/zy7dgd/revision/1 Collins all in one revision and practice pages 112, 128, 146	
13	Chemical changes – acids, alkalis and salts	https://www.bbc.com/bitesize/guides/ztv2dxs/revision/1 Collins all in one revision and practice pages 114, 128, 146	
14	Chemical changes - electrolysis	https://www.bbc.com/bitesize/guides/z9h9v9q/revision/1 Collins all in one revision and practice pages 116, 129, 147	
15	Energy changes- endothermic and exothermic reactions	https://www.bbc.com/bitesize/guides/z2b2k2p/revision/1 Collins all in one revision and practice pages 118, 130, 148	

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.