



Year 11 Chemistry Paper 1 (Higher) Revision Checklist 2021

Subject: Triple Chemistry		Paper: Chemistry Paper One (Higher)	Duration: 1 hour and 45 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/zg2h4qt/revision/1 Collins all in one revision and practice pages 8, 24, 44	
2	Atomic structure and the periodic table – mixtures	https://www.bbc.com/bitesize/guides/zpbkh39/revision/1 Collins all in one revision and practice page 8, 24, 44	
3	Atomic structure and the periodic table – atomic structure	https://www.bbc.com/bitesize/guides/z3sg2nb/revision/1 Collins all in one revision and practice page 10, 24, 44	
4	Atomic structure and the periodic table – the periodic table	https://www.bbc.com/bitesize/guides/zg923k7/revision/1 Collins all in one revision and practice page 12, 25, 45	
5	Atomic structure and the periodic table – groups in the periodic table	https://www.bbc.com/bitesize/guides/zqwtcj6/revision/1 Collins all in one revision and practice page 12, 25, 45	
6	Atomic structure and the periodic table – transition metals	https://www.bbc.com/bitesize/guides/z97yw6f/revision/1 Collins all in one revision and practice page 12, 25, 45	
7	Bonding, structure and the properties of matter – the three states of matter	https://www.bbc.com/bitesize/guides/z93jfcw/revision/1 Collins all in one revision and practice page 14, 26, 46	
8	Bonding, structure and the properties of matter – ionic compounds	https://www.bbc.com/bitesize/guides/zyydn8/revision/1 Collins all in one revision and practice page 16, 26, 46	
9	Bonding, structure and the properties of matter – small molecules	https://www.bbc.com/bitesize/guides/zcpjfcw/revision/1 Collins all in one revision and practice page 20, 28, 48	
10	Bonding, structure and the properties of matter – giant covalent molecules	https://www.bbc.com/bitesize/guides/z9twsrd/revision/1 Collins all in one revision and practice page 20, 28, 48	
11	Bonding, structure and the properties of matter – metals and alloys	https://www.bbc.com/bitesize/guides/z8db7p3/revision/1 Collins all in one revision and practice page 18, 27, 47	
12	Bonding, structure and the properties of matter – nanoscience	https://www.bbc.com/bitesize/guides/z8m8pbk/revision/1 Collins all in one revision and practice page 22, 29, 49	
13	Quantitative chemistry – calculations in chemistry	https://www.bbc.com/bitesize/guides/zgcyw6f/revision/1 Collins all in one revision and practice page 30, 32, 36, 50, 51, 53, 72, 73, 75	
14	Quantitative chemistry – calculations in chemistry higher	https://www.bbc.com/bitesize/guides/z3kg2nb/revision/1 Collins all in one revision and practice page 30, 32, 36, 50, 51, 53, 72, 73, 75	
15	Quantitative chemistry – atom economy, percentage yield and gas calculations	https://www.bbc.com/bitesize/guides/z8wkh39/revision/1 Collins all in one revision and practice page 30, 32, 36, 50, 51, 53, 72, 73, 75	
16	Chemical changes – reactions of metals	https://www.bbc.com/bitesize/guides/zsm7v9q/revision/1 Collins all in one revision and practice page 38, 54, 76	
17	Chemical changes – acids, alkalis and salts	https://www.bbc.com/bitesize/guides/zcijfcw/revision/1 Collins all in one revision and practice page 40, 54, 76	
18	Chemical changes - titrations	https://www.bbc.com/bitesize/guides/zx98pbk/revision/1 Collins all in one revision and practice page 34, 52, 74	
19	Chemical changes - electrolysis	https://www.bbc.com/bitesize/guides/zcsyw6f/revision/1 Collins all in one revision and practice page 42, 55, 77	

20	Energy changes- endothermic and exothermic reactions	https://www.bbc.com/bitesize/guides/zwfr2nb/revision/1 Collins all in one revision and practice page 56, 78, 98
21	Energy changes – chemical cells	https://www.bbc.com/bitesize/guides/z2396yc/revision/1 Collins all in one revision and practice page 58, 78, 98

Atomic structure and the periodic table exam practice questions

<https://www.bbc.com/bitesize/guides/zy2cm5g/revision/1>

Bonding, structure and the properties of matter exam practice questions

<https://www.bbc.com/bitesize/guides/z9rhk2p/revision/1>

Quantitative chemistry exam practice questions <https://www.bbc.com/bitesize/guides/zs24h39/revision/1>

Chemical changes exam practice questions <https://www.bbc.com/bitesize/guides/z96dfcw/revision/1>

Energy changes exam practice questions

<https://www.bbc.com/bitesize/guides/z3tydxs/revision/1>

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