

# Year 11 assessment checklist

Specification: <https://www.aqa.org.uk/subjects/science/gcse/chemistry-8462/specification-at-a-glance>

Past papers: <https://www.physicsandmathstutor.com/past-papers/gcse-chemistry/aqa-paper-1/>

Subject Triple Chemistry		Paper Chemistry Paper One	Duration 1 hour and 45 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/zg2h4qt/revision/1">https://www.bbc.com/bitesize/guides/zg2h4qt/revision/1</a> Oxford Revise revision and practice – page 2	
2	Atomic structure and the periodic table – mixtures	<a href="https://www.bbc.com/bitesize/guides/zpbkh39/revision/1">https://www.bbc.com/bitesize/guides/zpbkh39/revision/1</a> Oxford Revise revision and practice – page 2	
3	Atomic structure and the periodic table – atomic structure	<a href="https://www.bbc.com/bitesize/guides/z3sg2nb/revision/1">https://www.bbc.com/bitesize/guides/z3sg2nb/revision/1</a> Oxford Revise revision and practice – page 2	
4	Atomic structure and the periodic table – the periodic table	<a href="https://www.bbc.com/bitesize/guides/zg923k7/revision/1">https://www.bbc.com/bitesize/guides/zg923k7/revision/1</a> Oxford Revise revision and practice – page 38	
5	Atomic structure and the periodic table – groups in the periodic table	<a href="https://www.bbc.com/bitesize/guides/zqwtcj6/revision/1">https://www.bbc.com/bitesize/guides/zqwtcj6/revision/1</a> Oxford Revise revision and practice – page 38	
6	Atomic structure and the periodic table – transition metals	<a href="https://www.bbc.com/bitesize/guides/z97yw6f/revision/1">https://www.bbc.com/bitesize/guides/z97yw6f/revision/1</a> Oxford Revise revision and practice – page 48	
7	Bonding, structure and the properties of matter – the three states of matter	<a href="https://www.bbc.com/bitesize/guides/z93ifcw/revision/1">https://www.bbc.com/bitesize/guides/z93ifcw/revision/1</a> Oxford Revise revision and practice – page 14	
8	Bonding, structure and the properties of matter – ionic compounds	<a href="https://www.bbc.com/bitesize/guides/zyydn8/revision/1">https://www.bbc.com/bitesize/guides/zyydn8/revision/1</a> Oxford Revise revision and practice – page 26	
9	Bonding, structure and the properties of matter – small molecules	<a href="https://www.bbc.com/bitesize/guides/zcpifcw/revision/1">https://www.bbc.com/bitesize/guides/zcpifcw/revision/1</a> Oxford Revise revision and practice – page 14	
10	Bonding, structure and the properties of matter – giant covalent molecules	<a href="https://www.bbc.com/bitesize/guides/z9twsrd/revision/1">https://www.bbc.com/bitesize/guides/z9twsrd/revision/1</a> Oxford Revise revision and practice – page 14	
11	Bonding, structure and the properties of matter – metals and alloys	<a href="https://www.bbc.com/bitesize/guides/z8db7p3/revision/1">https://www.bbc.com/bitesize/guides/z8db7p3/revision/1</a> Oxford Revise revision and practice – page 27	
12	Bonding, structure and the properties of matter – nanoscience	<a href="https://www.bbc.com/bitesize/guides/z8m8pbk/revision/1">https://www.bbc.com/bitesize/guides/z8m8pbk/revision/1</a> Oxford Revise revision and practice – page 48	
13	Quantitative chemistry – calculations in chemistry	<a href="https://www.bbc.com/bitesize/guides/zgcyw6f/revision/1">https://www.bbc.com/bitesize/guides/zgcyw6f/revision/1</a> Oxford Revise revision and practice – page 58	
14	Quantitative chemistry – calculations in chemistry higher	<a href="https://www.bbc.com/bitesize/guides/z3kg2nb/revision/1">https://www.bbc.com/bitesize/guides/z3kg2nb/revision/1</a> Oxford Revise revision and practice – page 68	
15	Quantitative chemistry – atom economy, percentage yield and gas calculations	<a href="https://www.bbc.com/bitesize/guides/z8wkh39/revision/1">https://www.bbc.com/bitesize/guides/z8wkh39/revision/1</a> Oxford Revise revision and practice – page 68	
16	Chemical changes – reactions of metals	<a href="https://www.bbc.com/bitesize/guides/zsm7v9q/revision/1">https://www.bbc.com/bitesize/guides/zsm7v9q/revision/1</a> Oxford Revise revision and practice – page 78	
17	Chemical changes – acids, alkalis and salts	<a href="https://www.bbc.com/bitesize/guides/zcijfcw/revision/1">https://www.bbc.com/bitesize/guides/zcijfcw/revision/1</a> Oxford Revise revision and practice – page 88	
18	Chemical changes - titrations	<a href="https://www.bbc.com/bitesize/guides/zx98pbk/revision/1">https://www.bbc.com/bitesize/guides/zx98pbk/revision/1</a> Oxford Revise revision and practice – page 69	
19	Chemical changes - electrolysis	<a href="https://www.bbc.com/bitesize/guides/zcsyw6f/revision/1">https://www.bbc.com/bitesize/guides/zcsyw6f/revision/1</a> Oxford Revise revision and practice – page 98	
20	Energy changes- endothermic and exothermic reactions	<a href="https://www.bbc.com/bitesize/guides/zwfr2nb/revision/1">https://www.bbc.com/bitesize/guides/zwfr2nb/revision/1</a> Oxford Revise revision and practice – page 110	

21	Energy changes – chemical cells	<a href="https://www.bbc.com/bitesize/guides/z2396yc/revision/1">https://www.bbc.com/bitesize/guides/z2396yc/revision/1</a> Oxford Revise revision and practice – page 111
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Atomic structure and the periodic table exam practice questions

<https://www.bbc.com/bitesize/guides/zy2cmsg/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.