




Key		Major topic area - revision priority
		Content may be assessed - revision required
		Will NOT be assessed - do not revise

## AQA GCSE Science Advance Information

Course	Subject & Paper	Spec. Code	Title	Topic
Combined F	Chemistry Paper 1	5.1.1.1	Atoms, elements and compounds	C1
Combined F	Chemistry Paper 1	5.1.1.3	The development of the model of the atom	C1
Combined F	Chemistry Paper 1	5.1.1.4	Relative electrical charges of subatomic particles	C1
Combined F	Chemistry Paper 1	5.1.1.5	Size and mass of atoms	C1
Combined F	Chemistry Paper 1	5.1.1.6	Relative atomic mass	C4
Combined F	Chemistry Paper 1	5.1.1.7	Electronic structure	C1
Combined F	Chemistry Paper 1	5.1.2.1	The periodic table	C2
Combined F	Chemistry Paper 1	5.1.2.2	Development of the periodic table	C2
Combined F	Chemistry Paper 1	5.1.2.3	Metals and non-metals	C2
Combined F	Chemistry Paper 1	5.1.2.4	Group 0	C2
Combined F	Chemistry Paper 1	5.1.2.5	Group 1	C2
Combined F	Chemistry Paper 1	5.1.2.6	Group 7	C2
Combined F	Chemistry Paper 1	5.2.1.1	Chemical bonds	C3
Combined F	Chemistry Paper 1	5.2.1.2	Ionic bonding	C3
Combined F	Chemistry Paper 1	5.2.1.3	Ionic compounds	C3
Combined F	Chemistry Paper 1	5.2.1.4	Covalent bonding	C3
Combined F	Chemistry Paper 1	5.2.1.5	Metallic bonding	C3
Combined F	Chemistry Paper 1	5.2.2.1	The three states of matter	C3
Combined F	Chemistry Paper 1	5.2.2.2	State symbols	C1
Combined F	Chemistry Paper 1	5.2.2.3	Properties of ionic compounds	C3
Combined F	Chemistry Paper 1	5.2.2.4	Properties of small molecules	C3
Combined F	Chemistry Paper 1	5.2.2.6	Giant covalent structures	C3
Combined F	Chemistry Paper 1	5.2.2.7	Properties of metals and alloys	C3
Combined F	Chemistry Paper 1	5.2.2.8	Metals as conductors	C3
Combined F	Chemistry Paper 1	5.2.3.1	Diamond	C3
Combined F	Chemistry Paper 1	5.2.3.2	Graphite	C3
Combined F	Chemistry Paper 1	5.2.3.3	Graphene and fullerenes	C3
Combined F	Chemistry Paper 1	5.3.1.1	Conservation of mass and balanced chemical equations	C1
Combined F	Chemistry Paper 1	5.3.1.2	Relative formula mass	C4
Combined F	Chemistry Paper 1	5.3.1.4	Chemical measurements	C4
Combined F	Chemistry Paper 1	5.3.2.1	Moles	C4
Combined F	Chemistry Paper 1	5.3.2.2	Amounts of substances in equations	C1
Combined F	Chemistry Paper 1	5.3.2.3	Using moles to balance equations	C4
Combined F	Chemistry Paper 1	5.3.2.4	Limiting reactants	C5
Combined F	Chemistry Paper 1	5.3.2.5	Concentration of solutions	C4
Combined F	Chemistry Paper 1	5.4.1.1	Metal oxides	C5
Combined F	Chemistry Paper 1	5.4.1.2	The reactivity series	C5
Combined F	Chemistry Paper 1	5.4.1.3	Extraction of metals and reduction	C5
Combined F	Chemistry Paper 1	5.4.1.4	Oxidation and reduction in terms of electrons	C5
Combined F	Chemistry Paper 1	5.4.2.1	Reactions of acids with metals	C5
Combined F	Chemistry Paper 1	5.4.2.2	Neutralisation of acids and salt production	C5
Combined F	Chemistry Paper 1	5.4.2.3	Soluble salts	C5
Combined F	Chemistry Paper 1	5.4.2.4	The pH scale and neutralisation	C5
Combined F	Chemistry Paper 1	5.4.2.5	Strong and weak acids	C5
Combined F	Chemistry Paper 1	5.4.3.1	The process of electrolysis	C6
Combined F	Chemistry Paper 1	5.4.3.2	Electrolysis of molten ionic compounds	C6
Combined F	Chemistry Paper 1	5.4.3.3	Using electrolysis to extract metals	C6
Combined F	Chemistry Paper 1	5.4.3.4	Electrolysis of aqueous solutions	C6
Combined F	Chemistry Paper 1	5.4.3.5	Representation of reactions at electrodes as half equations	C6
Combined F	Chemistry Paper 1	5.5.1.1	Energy transfer during exothermic and endothermic reactions	C7
Combined F	Chemistry Paper 1	5.5.1.2	Reaction profiles	C7
Combined F	Chemistry Paper 1	5.5.1.3	The energy change of reactions	C7
Combined F	Chemistry Paper 1	5.4.2.3	RP8: Making salts	C5
Combined F	Chemistry Paper 1	5.4.3.4	RP9: Electrolysis	C6
Combined F	Chemistry Paper 1	5.5.1.1	RP10: Temperature changes	C7
Combined F	Chemistry Paper 1	5.10.1.4	Alternative methods of extracting metals	C5