

Year 11 guidance 2021-22

Subject: GCSE Chemistry

Autumn term learning topics:

Since the start of year 10, students have learned about:

1. electrolytic processes
2. obtaining and using metals
3. reversible reactions and equilibria
4. transition metals, alloys and corrosion
5. calculations (solutions, gases and yields)
6. ammonia and fertiliser production
7. chemical and fuel cells

January 2022 Mock Exam duration: 1hr 45 minutes Paper 1

January Mock examination topics for revision:

1. All paper 1 topics: States of matter, mixtures, atomic structure, periodic table, ionic, metallic and covalent bonding, acids and alkalis, calculations (formulae and masses), electrolytic processes, obtaining and using metals, reversible reactions and equilibria, transition metals, alloys and corrosion, calculations (solutions, gases and yields), ammonia and fertiliser production, chemical and fuel cells

Spring/Summer 2022 learning topics:

This term students will learn about:

1. Fuels, Earth and atmosphere
2. Hydrocarbons
3. Alcohols and carboxylic acids
4. Polymers
5. Testing for ions