



Year 11: Combined Chemistry

Curriculum Intent: in year 11 combined science Chemistry the aim is to build on students' knowledge learned from year 7-10 to being able to apply this knowledge. Exam skills will be taught through recapping the knowledge the students have developed in the following topics:

- Particles and atoms
- Elements, compounds and mixtures
- Chemical reactions
- Predicting chemical reactions
- Monitoring and controlling chemical reactions
- Global challenges

	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1
Key ideas and sequence of learning	Module 2: Elements, compounds and mixtures Separation techniques Module 3 Chemical reactions • Balancing equations • Conservation of mass • Moles • Reacting amounts	Module 3: Chemical reactions • Detecting gases • Endothermic and exothermic reactions • REDOX reactions	Revision and consolidation Students will review their PPE exam papers in detail to identify strengths and weaknesses Students will then prepare for their GCSE exams in lessons with their teacher. They will also have intervention sessions where they revise key practical skills	Revision and consolidation Students will then prepare for their GCSE exams in lessons with their teacher. Students begin their GCSE exams	Students finish their GCSE exams
Key Questions	All questions will be covered from years 7-10 topics				
Vocabulary	All vocabulary will be covered from years 7-10 topics				
Practical Skills	N/A		See above		