



	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
12	GCSE – AS Transition. Atomic Structure and Periodic Table Formulae, Equations and Amounts of substance Part 1	Formulae, Equations and Amounts of substance Part 2 Bonding	Bonding Redox Reactions Elements and their groups Organic chemistry introduction	Alcohols and halogenoalkanes	Mass spectrometry and IR Spectroscopy Energetics Kinetics	Revision and improvement for mocks
13	Equilibria Acid-Base Equilibria Energetics II part 1	Energetics II part 2 Redox II Transition metals	Kinetics II Organic chemistry	Organic chemistry part 2 Core practical completion	Exam preparation	Exam leave

### Curriculum Intent:

In Science at Dame Elizabeth Cadbury School we provide students with the scientific knowledge and experiences which will interest them in the scientific world. We link each topic to a range of career paths to give them a greater understanding of the opportunities available to them outside the classroom setting. Many of the dilemmas confronting the modern world are based around Science and STEM related topics. With adequate knowledge of these issues and the mindset with which to challenge ideas, our students have the ability to become democratically empowered and able to make informed judgements of their own.