

KS4 Chemistry – Year 11

	Topics Covered	Assessment
YEAR 11 AUTUMN TERM Weeks – 1-15 5 th September – 21 st December 2016	ORGANIC CHEMISTRY - Carbon compounds and fuels and feedstock - Reactions of alkenes and alcohols - Synthetic and naturally occurring polymers CHEMICAL ANALYSIS - Purity, formulations and chromatography - Identification of common gases - Identification of ions by chemical and spectroscopic means	Graded homework In-class assessments Formal PT1 examination
Year 11 Spring Term Weeks – 16-26 9 th January – 31 st March 2017	CHEMISTRY OF THE ATMOSPHERE - The composition and evolution of the earth's atmosphere - Carbon dioxide and methane as greenhouse gases - Common atmospheric pollutants and their sources	Graded homework In-class assessments Formal PT2 examination
Year 11 SUMMER TERM Weeks – 27-39 17 th April – 21 st July 2017	USING RESOURCES - Using the earth's resources and obtaining potable water - Life cycle assessment and recycling - Using materials - The Haber process and the use of NPK fertilisers	Graded homework In-class assessments Formal PT3 examination (mock C1 Exam)

Progress Tracking Assessment dates

PT1: 14th- 25th November 2016

PT2: 20th February to 8th March 2017

GCSEs start 15th May 2017