Chemistry BTEC Student Learning Journey and Progress Record

The course includes 4 coursework tasks, each worth 20% of the student's marks, and examined content that is assessed at the end of year 11.

Coursework lessons include some teaching of new ideas and content and some guided independent student work in

ICT rooms.	
Year 10	
 Coursework 1: Chemical Reactivity and bonding Atomic structure Group 1 elements Group 7 elements Ionic bonding (including dot and cross diagrams) Covalent bonding (including dot and cross diagrams) Properties of ionic and covalent compounds 	Coursework 4: Affe Natural and Our changir Our changir Effects of hu Sustainable Coursework 4 R
Coursework 1 Result	Examinable conten > Atomic stru
Coursework 2: Useful chemical products Chemical and physical properties Uses of: Carbon dioxide Sodium Azide Argon Silicon Choosing materials based on chemical and 	configuration Patterns in the Isotopes Calculating Elements, contrast on Atoms of Test on Atoms of Test on Atoms of the Atoms of
 Choosing materials based on chemical and physical properties. 	Examinable content → pH scale → Hazards of a
Coursework 2 Result	 Hazard sym Hazard sym Neutralisati Naming salt Neutralisati
 Coursework 3: Controlling industrial reactions Interpreting word and symbol equations Rates of reaction practical methods Concentration and rate 	 Balancing e Uses of neu
 Concentration and rate Pressure and rate Surface area and rate Temperature and rate Catalysts and rate Yield and Atom economy The Labor pressor 	Test on Acids so The rest of year 11 v examinable content questions in class.
 The Haber process Choosing reaction conditions in industry 	Assessment at end

Coursework 3 Result _____

Year 11

ecting the environment

- d Human activities
- ng earth
- ng atmosphere
- uman activities on Earth
- e development

Result _____

nt: Atoms

- ucture and electron on
- the periodic table
- relative atomic mass
- compounds and mixtures

section: _____

nt: Acids

- acids and bases
- nbols
- tion
- lts
- tion word and symbol equations
- equations
- utralisation

section: _____

will be spent revising the it and completing past paper

Assessment at end of Year 11: 1 hour Science exam that will contain 18 marks of Chemistry content.