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| **Autumn Term** |
| **Year 10**  | **Year 11**  |
| Atomic structure and periodic tableCovered much in year 9 SoW already and William Brooks resources are on folder. |  | The rate and extent of chemical changeOrganic chemistryChemical analysis(could do flame tests with all; time permitting (Chem only).Chemistry of the atmosphereUsing Resources  |  |
| **Assessments/exams****No exam.** | **Assessments/exams****No exam.**For Year 11 we are completing the ‘Old’ Chemistry AQA specification and completing Units 2 with additional and 2 and 3 with triple, topics are:Unit 2:2.1 Atoms, elements and compounds2.2. Structures.4 Rates of chemical reactions – Autumn term2.5 Energy from chemical reactions – Autumn term2.6 Making salts – Autumn termTriple:LOOKING FOR PATTERNS3.1 The periodic table and its development –Autumn term3.2 What’s in the water we drink? – Autumn term |
| **Enrichment activities** | **Enrichment Activities** |
| **Spring Term** |
| **Year 10** | **Year 11** |
| Chemical ChangesEnergy changes |  | Unit 23 Relative masses of atoms – Spring term2.7 Electrolysis – Spring termTriple:LOOKING FOR PATTERNS.3 Energy from reactions – Spring termANALYSIS, AMMONIA AND ORGANIC COMPOUNDS3.4 Identifying and analysing substances - Spring term3.5 The production of ammonia - Spring term3.6 Uses of alcohols, carboxylic acids and esters- Spring term |  |
| **Assessments/exams: No Exam** | **Assessments/exams: No Exam** |
| **Enrichment activities** | **Enrichment activities** |
| **Summer term** |
| **Year 10** | **Year 11** |
| Quantitative chemistry |  |  |  |
| **Assessments/exams: No Exam**17th July following mock exams if appropriate | **Assessments/exams: Actual GCSE exam.** |
| **Enrichment Activities** | **Enrichment Activities** |