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| **Autumn Term** | | | |
| **Year 10** | | **Year 11** | |
| Atomic structure and periodic table  Covered much in year 9 SoW already and William Brooks resources are on folder. |  | The rate and extent of chemical change  Organic chemistry  Chemical analysis  (could do flame tests with all; time permitting (Chem only).  Chemistry of the atmosphere  Using 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 compounds  2.2. Structures  .4 Rates of chemical reactions – Autumn term  2.5 Energy from chemical reactions – Autumn term  2.6 Making salts – Autumn term  Triple:  LOOKING FOR PATTERNS  3.1 The periodic table and its development –Autumn term  3.2 What’s in the water we drink? – Autumn term | |
| **Enrichment activities** | | **Enrichment Activities** | |
| **Spring Term** | | | |
| **Year 10** | | **Year 11** | |
| Chemical Changes  Energy changes |  | Unit 2  3 Relative masses of atoms – Spring term  2.7 Electrolysis – Spring term  Triple:  LOOKING FOR PATTERNS  .3 Energy from reactions – Spring term  ANALYSIS, AMMONIA AND ORGANIC COMPOUNDS  3.4 Identifying and analysing substances - Spring term  3.5 The production of ammonia - Spring term  3.6 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** | |