**Stage 2 Chemistry: Semester One Overview 2018**

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| Weeks | Topic | Assessment Task |
| Term 1  1 – 7 | Monitoring the Environment   * Global warming and climate change * Photochemical smog * Volumetric analysis * Chromatography * Atomic spectroscopy | **Practical Investigation:** Compare effectiveness of 2 antacids (T1, Wk5)   * **Folio - 10%**   **Test:** Topic 1: Monitoring the Environment (T1, Wk8)   * **SAT - 10%** |
| 8 – 11 | Managing Chemical Processes   * Rates of reactions * Equilibrium and yield * Optimising production | **Test:** Topic 2: Managing Chemical Processes (T2, Wk1)   * **SAT – 10%** |
| Term 2  1 – 7 | Organic and Biological Chemistry   * Alcohols * Aldehydes and ketones * Carbohydrates * Carboxylic acids * Amines * Esters * Amides * Triglycerides * Proteins | **Test:** Topic 3: Organic and Biological Chemistry (T2, Wk 10)   * **SAT – 10%** |
| 8 | **REVISION** | |
| 9 | **MID YEAR EXAM** | |
| Term 3  1 - 10 | Managing resources   * Energy * Water * Soil * Materials | **SHE TASK:** Topic selection. (T3, Wk2)   * **Folio - 10%**   **Design Practical Investigation:** Charcoal fuels (T3, Wk 3)   * **Folio - 10%**   **Test:** Topic 4: Managing Resources (T3, Wk 10)   * **SAT - 10%** |
| Term 4 | **Revision for End of Year Exams** | |