**Stage 1 Chemistry: Semester Two Overview 2018**

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| Weeks | Topic | Assessment Task |
| 1 – 4 | Mixtures and Solutions   * Miscibility and solutions * Solutions of ionic substances * Quantities in reactions * Energy in reactions | **Summative SAT 1:**  *Determine enthalpy of solution of NaCl and answer questions on ionic solutions and concentration.* **(25%)** |
| 5– 8 | Acids and Bases   * Acid–base concepts * Reactions of acids and bases * The pH scale | **Summative Investigation 2 - SHE** **Investigation (25%):** *Acids and the Environment* |
| 9 – 13 | Redox Reactions   * Concepts of oxidation and reduction * Metal reactivity * Electrochemistry | **Summative Practical Design -Investigation (25%)**  *Investigate the effect of one factor on the production of electricity by a galvanic cell. Plan and perform investigation, and write report, in class time.*  **Summative SAT 2:** Test topics 5 and 6 **(25%)** |
| 14 | **REVISION** | |
| 15 | **EXAM** | |