**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** |