**12 Chemistry Outline of EEI for Term 3**

**Context:**

***The use of metals has allowed human society to make tremendous advances in the production of durable objects and structures, increased mechanisation and the utilisation of electronics. The process of corrosion opposes these advances by causing metals to degrade and metal products to fail. An understanding of corrosion gives the power to slow down or prevent this process and reduce the costs and inconvenience of replacing metal devices and components.***

**Task:**

The purpose of this task is to develop an investigation into conditions under which corrosion is accelerated or inhibited and the effectiveness of methods of corrosion prevention (NB: it will be necessary to collect quantitative data).

**You are required to:**

Conduct an experiment individually. Maintain a Log Book of your progress. Individually write a formal scientific report. You will be given class time for some research and to conduct your experiments but you will be expected to use out of class school time and home study time to meet the timelines set down for this task.

**Length:** 1000-1500 words for the discussion/ conclusion/ evaluation/

recommendations of the report.

**Drafting:**  One draft for the report may be submitted.