**Chemistry 11-2**

Course Syllabus

Bonar Law Memorial School

Ms. Wilson

**Course Description\***

This course explores the structure of matter and the fundamentals of atomic bonding. It also introduces students to a quantitative aspect of chemistry through an examination of molecular mass and stoichiometry.

**Key Topics of Discussion**

* Classification and structure of matter
* Naming and classification of elements and compounds
* VSEPR theory
* Bonding (e.g. types of bonding and intermolecular forces)
* The Mole
* Stoichiometry and solubility

**Key Skills**

* Initiating and planning
* Performing and recording
* Analysing and interpreting
* Communication and teamwork

**Evaluation**

Evaluations will be based on an overall weighting of 35% knowledge, 35% skills and the remaining 30% will evaluate the learning of objectives relating to science, technology, society and the environment. Students will be evaluated with a combination of products and observations (e.g. tests, quizzes, lab reports and assignments) as well as with conversation (e.g. in-class participation and group discussion). There will be a final exam in this course weighted 30%, unless the exam incentive applies, in which case, it will be weighted 15%, 30% or 50%.



\*subject to change