**S. Casey Grade 9 Science Course Outline 2010-2011**

**Objectives**

* Understanding the concepts, principles, laws, and theories.
* Communicate information and ideas clearly by using the terminology, the symbols, conventions, and the scientific units with little too few errors.

**Texts**

Sciences 9 (Beauchemin) Omnisciences 10 (Chenelière)

**Content**

***Units:***

**Space**

Exploring the planets Formation of the solar system

Exploring our galaxies Materials and items in space

**Reproduction**

Cell growth and division Sexual/asexual reproduction

Development of an embryo Cloning, mutations, hormones

DNA

**Sustainability of Ecosystems**

Diversity in ecosystems Sustaining terrestrial ecosystems

Change and stability in ecosystems Sustaining aquatic ecosystems

**Weather**

Weather stations Collecting and analyzing weather data

Technology/instruments The water cycle and its effect on weather

**Evaluation**

30% Content - Tests/Quizzes

30% Skills - Includes applied knowledge and understanding, communication, investigation, making connections, and research skills (to be assessed through projects, answers, laboratory work and reports, etc.)

30% Exam

10% Class mark - Homework, participation, ***use of French only in class*.**

**Expectations of you as a student in Science 9**

* The pass mark for science is 60%.
* Hand in assignments on time. 20% of the original value of the assignment will be lost each day late.
* If you are not here a day for any reason, it is your responsibility to get notes and the assignments you missed.
* If you are absent for a test or quiz, you must write the test 1 day within your return to school.
* Be on time.
* Make full use of class-time.