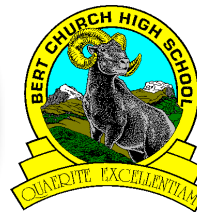




# Science 20



**Instructor** H. Uchiage  
**School Year** 2013-2014

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## Senior High Science Program Philosophy

The senior high science programs are designed to help all students attain the scientific awareness needed to function as effective members of society. The expected student knowledge, skills and attitudes are approached from a common philosophical position in each science course.

In the senior high science programs, students focus on learning the big interconnecting ideas and principles, which provide continuity with the junior high program and build on students' previous learning.

The senior high science programs place an increased emphasis on developing methods of inquiry that characterize the study of science.

Students will be expected to show an appreciation for the roles of science and technology in understanding nature.

The learning context is an integral part of the senior high science programs. Learning opportunities will be made meaningful by providing concrete experiences that students can relate to their world.

The senior high science programs place students at the centre. Students are active learners and will assume increased responsibility for their learning. They will appreciate the value of teamwork and make a positive contribution when working with others to solve problems and complete tasks.

## Course Description and Objectives

Unit	Chapter	Weight	% of Final
Chemical Changes	Unit A	27	16
Changes in Motion	Unit B	27	16
The Changing Earth	Unit C	23	14
Changes in Living Systems	Unit D	23	14
Final Exam			40
			100

## Course Materials/Textbook

Science 20 Textbook \$

Science Notebook

Lab Duotang

Graph Paper

Calculator

Pencil/Pens

Ruler

Agenda and ID Card

Coloured Pencils

Geometry Set (Unit 2)

## Evaluation

Student report card marks are determined on the basis of homework, class assignments, quizzes, unit exams, and a final exam. A general mark breakdown follows:

	<b>Grade 10</b>	<b>Grade 11</b>	<b>Grade 12</b>
Term Work:			
Assignments/Labs	20%	<b>10%</b>	10%
Quizzes	30%	<b>30%</b>	30%
Unit Tests/Practical Exams	50%	<b>60%</b>	60%
Final Exam:	30%	<b>40%</b>	50%

# Science Department Expectations

## Extra Help

Extra help is available from the course instructor after school. It is the responsibility of the student to recognize when extra help is needed and then contact the course instructor.

## Late Procedure

**It is reasonable to expect each student to be punctual for each class period. Repeated lateness is disrespectful and discourteous and, if not corrected tends to become commonplace. Corrective action may include detention time, extra work or assignments, or in chronic situations referral to administration.**

## Excused Absences

Students will be permitted to write a make-up test/quiz as long as it is within an appropriate time period, this will be at the teacher discretion. If the student cannot write a make-up test/quiz then the unit test or final exam mark may be substituted for the missed test/quiz, this is again at the teacher discretion.

If a student has missed an assignment or lab due to an excused absence then that student will be given the assignment or lab data and permitted to hand in the assignment/lab for marking without penalty at the teacher discretion.

## Unexcused Absences

Quizzes and Unit tests that are missed as a result of an unexcused absence will result in a mark of zero. Any assignments or labs that are incomplete due to an unexcused absence will not be accepted and will result in a mark of zero.

## Late Assignments, Incomplete Assignments, and NHI's

The teacher will periodically accept late assignments and labs not previously handed in. This does not include assignments not handed in due to unexcused absences. The late assignment/lab will be marked for completion only. Any late assignment/lab will be worth a maximum of 50% of the original assignment mark. The teacher deadline to accept late, incomplete and NHI assignments will be a window of opportunity at the end of a unit of work as specified by the individual teacher.

## Calculator Policy

**It is the student's responsibility to have an appropriate calculator for tests, quizzes, and assignments.**

- Calculators may be used for exams and quizzes, but may not be shared.
- Calculators may not be lent out to students by their teacher.
- No information, text, or formulas may be stored in electronic form.
- Calculators may be cleared before quizzes, exams, and the final exam.

**Appeals Students and parents may direct, in writing, any appeal of the final grade to the school Principal (see page 19 of the student handbook).**