

# SCIENCE 20 – MS. BOWER

Springbank Community High School

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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 center. 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	25	17.5
Changes in Motion	Unit B	25	17.5
The Changing Earth	Unit C	25	17.5
Changes in Living Systems	Unit D	25	17.5
Final Exam			30
			100 Total

## **Course Materials/Textbook**

Science 20 Textbook

Calculator

Graph Paper

Science Notebook

Pencil/Eraser/Pen

Coloured Pencils

Lab Duotang

Ruler

## **Evaluation**

Laboratory Work & Assignments & Projects	20%
Quizzes	20%
Unit Tests	30%
<b>Final Exam</b>	<b>30%</b>

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## Expectations:

- Be on time and prepared
- Be respectful of our learning space, yourself, and all the people around you
- Use your time wisely. There is a lot of work to accomplish in a limited amount of time in Science 20. Keep this in mind as you allocate time to tasks.
- No food or drink in the classroom (water excluded)
- Use electronics appropriately. Phones will be put away unless requested by the teacher to be brought out.

## Homework and Assignments:

Expect to spend one half hour per school night working on Science 20 homework, completing assignments, reading your text and going over material from the day's class. Assignments will be posted on the calendar in the Moodle course. All assignments are to be handed in at the **beginning of class** on the day they are due. Text Remind will be available for your class, however it is YOUR responsibility to keep track of assignments and tests through good time management and the Moodle calendar.

## Lates and Absences:

Please be on time for class. If you are late, quietly wait at the door until you are let into class. Quizzes will often be given at the beginning of class so if you are late you will have less time to finish. Excessive tardiness will be dealt with by administration if we are unable to resolve the issue. **If you are absent from class it is your responsibility to find out what you missed.** A missed class is not an excuse for not handing in assignments or being prepared for quizzes and tests. Frequent absences from class will make it difficult to be successful in this class. Refer to the calendar in my Moodle course for assignments/quizzes or tests.

## Exams and Quizzes:

**If you are going to be away for an exam or quiz, you must notify the teacher prior to your absence, by way of a phone call, message, or telling the teacher you will be away. The phone call and/or message must reach the teacher prior to the class writing the exam or quiz.** An unexcused absence on the day of an exam or quiz will result in a mark of **zero**. If you have been excused you are expected to write the exam the first day you are back in class and it is your responsibility to approach me about it. If the test/quiz is not written upon your return or at an agreed upon time an incomplete will be given.

## Lab Safety:

Lab safety is of the utmost importance! Unsafe or disrespectful conduct will not be tolerated and may result in removal from the lab and a mark of zero for the lab.

## Extra Help:

Extra help is always available. Please sign up for my flex blocks, or make an appointment to see me at a mutually convenient time. I will be available most days before school, at lunch and after school – my door is always open, and I am always a quick email away!