

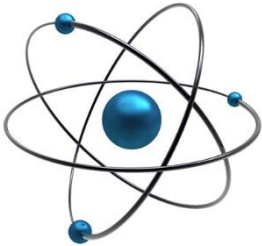



SCIENCE 9



Science 9 introduces you to chemistry, reproduction, electricity, and space exploration. In this course we will learn study strategies that can be applied to other courses.

TEXTBOOK: *BC SCIENCE 9, 2007 Edition* by McGraw-Hill Ryerson. Your textbook should already come covered with a waterproof material. Please do not write on this or damage it. You will use this to supplement the lecture notes and do homework assignments. Quizzes and tests are mostly based on material covered in class.

COURSE OVERVIEW

ORGANIZERS	CHAPTER	SUB-ORGANIZERS	
<p>UNIT 1 – ATOMS, ELEMENTS, & COMPOUNDS</p> 	1: Atomic theory explains the composition & behavior of matter	1.1 – Science Safety 1.2 – Investigating Matter	
	2: Elements are the building blocks of matter	1.3 – Atomic Theory 2.1 - Elements 2.2 – The Periodic Table & Chemical Properties 2.3 - The Periodic Table & Atomic Theory	
	3: Elements combine to form compounds	3.1 - Compounds 3.2 – Names and Formulas of Ionic Compounds 3.3 – Physical & Chemical Changes	
	<p>UNIT 2 – REPRODUCTION</p> 	4: The Nucleus Controls the Functions of Life	4.1 – The Nucleus’ Functions 4.2 - Mutations
		5: Mitosis & Asexual Reproduction	5.1 – The Cell Cycle & Mitosis 5.2 – Asexual Reproduction
		6: Meiosis & Sexual Reproduction	6.1 - Meiosis 6.2 – Sexual Reproduction 6.3 – Assisted Reproductive Technologies
<p>UNIT 3 – ELECTRICITY</p> 		7: Static Charge is Produced by Electron Transfer	7.1 – Static Charge 7.2 – Electric Force
	8: Ohm’s Law Relates Current, Voltage & Resistance	8.1 – Electrical Potential Energy & Voltage 8.2 – Electric Current 8.3 – Resistance & Ohm’s Law	
	9: Circuits Control the Transfer of Electrical Energy	9.1 – Series & Parallel Circuits 9.2 – The Power of Electricity	
<p>UNIT 4 – ECOLOGY</p> 	10: Biomes	Biomes, Ecosystems, Bioaccumulation in Ecosystems	
	11: Energy Flow & Nutrient Cycling in Ecosystems	Energy Transfer in the Atmosphere	

MATERIALS NEEDED FOR EVERY CLASS

- ◆ Pencil & eraser, pencil sharpener, pens (**multicolour**), white-out, ruler
- ◆ 3-ring binders with 4 dividers. Your notes & worksheets should be kept in order.
- ◆ Agenda - **Note:** Always write down assignments, quizzes, & tests in your agenda on the day I assign them as well as the due date. Remember, organization is the key to a successful year.
- ◆ Science 9 Textbook
- ◆ Scientific calculator – there is no sharing of calculators during quizzes & tests
- ◆ **Coloured pencils** /sharpies should be kept in your locker

EVALUATION

Your classroom standing will be determined using a series of quizzes & tests. Your final overall grade is the amalgamation of all three terms.

The value of marks within each reporting period is as follows:

TESTS:	55%
QUIZZES/LABS	30%
HOMEWORK/ PROJECTS:	15%
TOTAL:	100%

In Science, term marks are NOT cumulative:

TERM 1:	30%
TERM 2:	35%
TERM 3:	35%
TOTAL:	100%

SUBMITTING ASSIGNMENTS AND HOMEWORK

When submitting homework or assignments, include your full name in the top right hand corner (**LAST name, followed by FIRST name**), your block, and assignment title. Complete homework using **full sentences (no point form)**.

MR. LEE'S ATTENDANCE POLICY

- a) Missed Quizzes: Pending submission of a valid note, you may be omitted from the quiz. If no note/excuse is given, a mark of zero will be assigned. It is your responsibility to get the missed notes from a friend so that you don't fall behind.
- b) Missed Tests: These must be made up at the earliest date possible and students must provide a parent's/doctor's note. If no valid note/excuse is given, a mark of zero will be assigned.
- c) Late Homework/Assignments: 10% will be deducted each day. After 3 days late, the maximum attainable mark is 50%. Weekends count as one day.

Notes must be signed by teachers of missed classes & submitted to the office for our records.



Eric Hamber Secondary School - Absence Notice

Student:	First Name _____ Last Name _____	
Date(s)	Date(s) Absent: _____	Student #: _____ Grade: _____
Period(s) Absent	Teacher Initials	Reason for Absence (Please check one below)
<input type="checkbox"/> 1 st Period 1 (8:35-9:50 am)		<input type="checkbox"/> Doctor/Dentist
<input type="checkbox"/> 2 nd Period (10:25-11:40am)		<input type="checkbox"/> Illness
<input type="checkbox"/> 3 rd Period (12:30-1:45pm)		<input type="checkbox"/> Non Medical Appointment
<input type="checkbox"/> 4 th Period (1:50-3:07pm)		<input type="checkbox"/> Vacation
		<input type="checkbox"/> Other (Please specify) _____ _____

Date: _____ Parent/Guardian Signature: _____

PLEASE PRINT THIS FORM WHEN YOU HAVE BEEN ABSENT. HAVE ALL YOUR TEACHERS INITIAL THE NOTE AND THEN BRING IT TO THE MAIN OFFICE SO THE COMPUTER DATA BASE IS UPDATED.

STUDY HABITS: In order to be successful in Science 9, you need to commit to reviewing & studying your lecture notes on a **daily** basis. Review includes rewriting notes more succinctly, & making cue cards. It is recommended that you form a study group with classmates.

CELL PHONES, IPODS, IPADS, 3DS, PSPv: These should be turned off and out of sight when you're in my classroom. School policy applies (Read student handbook for list of consequences).

OFFICE HOURS: I am available by appointment.

WEBSITE: I have a website - <http://mrleehamber.fusedfiber.com/>

You are responsible for checking this in the evening as I usually put important updates on quiz/test dates, & address any issues brought up in class. In addition, you will find answers to homework & review worksheets, **plus** tips for quizzes & tests. **NOTE:** Class notes will not be put online. It is your responsibility to get notes in class or to copy a friend's set of notes.