

# SCIENCE 9 COURSE OUTLINE

**TEXTBOOK:** BC SCIENCE 9

**GENERAL:**

<b>Unit I: Chemistry</b> Ch. 1-3	<b>Unit II: Biology</b> Ch. 4-6	<b>Unit III: Physics</b> Ch. 7-9	<b>Unit IV: Ecology</b> online resources
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**APPROPRIATE MATERIALS FOR EACH CLASS:**

textbook, 3-ring binder, lined paper, pens, pencils, eraser, calculator

**SCIENCE BINDER:**

Each student is expected to have a 3-ring binder that is divided into the following sections:

1. Chemistry
2. Physics
3. Biology
4. Ecology

**DUOTANG:**

Each student must have a duotang. The duotang will be used for lab reports **ONLY** and will be kept in the class at all times. If a student hands in a lab report without the duotang it will not be marked.

**MISSED ASSESSMENTS:**

In fairness to all, students are expected to write and/or hand in their assessments on the scheduled date and time. If a student is legitimately unable to do so, all efforts must be made to inform the teacher in advance, by e-mail or telephone message to the office. If advance notice is not possible, students must bring a NOTE (or have an e-mail sent) from home explaining the reason for the missed assessment. All notes must have a TELEPHONE NUMBER where the signer can be reached and will remain on file with the teacher.

**BIG IDEAS:**

- **Biology:** cells are derived from cells
- **Chemistry:** electron arrangement of atoms impacts their chemical nature
- **Physics:** electric current is the flow of electric charge
- **Ecology:** the biosphere, geosphere, hydrosphere, and atmosphere are interconnected, as matter cycles and energy flows through them

**CORE COMPETENCIES:**

- **Communication**
- **Thinking**
- **Personal and Social Responsibilities**

**EVALUATION:**

Your understanding of the BIG IDEAS in this course will be evaluated on your ability to express the CORE COMPETENCIES in the following areas:

Scientific inquiry and processes:	5%
Chemistry	15-20%
Physics	15-20%
Biology	15-20%
Ecology	15-20%
<u>Final Assessment</u>	<u>20%</u>
Overall	100%

**CLASSROOM RULES:**

1. Lockers are provided for large items such as jackets and backpacks therefore these items are **NOT** permitted in the classroom.
2. **NO ELECTRONIC DEVICES** (other than a scientific calculator) unless directed by the teacher for a lesson or project.
3. No sitting on desks or countertops
4. No contact lenses, hats, dangling jewelry, ties etc on lab days
5. Absolutely NO FOOD or DRINK in the lab
6. If you are LATE, be prepared to make up any missed work you missed during your lunch hour.

**PARENTS:**

To see what your son or daughter is doing in this class and to find out the class work or homework that they have been assigned please go to my website and look under Science 9 2019:

<http://weissworldofscience.weebly.com>

To confirm that you and your child have read through this together, please go to my website and **E-MAIL** ([weiss\\_l@surreyschools.ca](mailto:weiss_l@surreyschools.ca)) me a confirmation. As well, I ask that you sign this form and have your child is to place it at the **front** of his/her 3-ring SCIENCE BINDER. Together we can make Science 9 a wonderful experience!

-Mrs. Weiss

Student signature: \_\_\_\_\_

Parent/Guardian signature: \_\_\_\_\_

Medical alert: \_\_\_\_\_  
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