

Barriere Secondary | SCIENCE 9

Instructor: Mr. Biffert

Room: Junior Science Lab (107)

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Course Overview

In Science 9 you will continue to learn how science empowers curious people to observe the world around them, ask questions, seek reliable answers, and work within their communities.

These are the Big Ideas that we will be focusing on:

1. Cells are derived from cells. (Plant & Animal Biology)
2. The electron arrangement of atoms impacts their chemical nature. (Chemistry)
3. Electric current is the flow of electric charge. (Investigating Electricity)
4. The biosphere, geosphere, hydrosphere and atmosphere are interconnected, as matter cycles and energy flows through them. (Investigating Environmental Science)

[BC Science 9 Curriculum Link](#) | Please check out this link. We will review the Big Ideas, Curricular Competencies, and Course Content in our first class. Please note that there are lots of 'teachery' words on this page that may be new to you so be curious and ask lots of questions!

Please bring the following to each class

A binder, notepaper, pen, pencil, calculator, and most importantly your curiosity!

Behaviour Expectations

Be kind, and considerate towards others. For example, listen attentively when others are speaking and treat them the way that they would like to be treated. Showing respect for others by taking the time to clean up after yourself at the end of class is also important.

Missed Quizzes and Incomplete Work

Please let me know when you plan to be absent. You will have the opportunity to complete missed assignments, quizzes and tests during academic intervention at lunch.

Student Rights and Responsibilities:

#1 You have the RIGHT to learn in this classroom.

It is your RESPONSIBILITY to listen to instructions, ask clarifying questions, and go with the flow of the day. Sometimes this will include quiet, focused, reading and writing.

#2 You have the RIGHT to hear and be heard.

It is your RESPONSIBILITY to listen attentively when others are speaking and ask them to clarify their thoughts if you think that you have misunderstood them.

#3 You have the RIGHT to be respected in this classroom.

It is your RESPONSIBILITY to take an interest in other people and treat them the way that they want to be treated.

#4 You have a RIGHT to be safe in this classroom.

It is your RESPONSIBILITY to handle conflicts in kind and respectful ways. Sometimes this will include help from a friend, teacher, parent, or other appropriate people in our school community.

#5 You have a RIGHT to privacy and to your own personal space.

It is your RESPONSIBILITY to respect the personal property and space of others. Respecting personal space is particularly important while we are working together to stop the spread of COVID-19.

Extra Assistance & Academic Intervention

Please ask for help when you are struggling. Extra help outside of class time is available both from myself and through our peer tutoring program. If you are in danger of receiving an incomplete mark in the course you may be referred to the Academic Intervention Program.

Assessment & Evaluation

Formative Assessments: During classroom learning activities I will watch to see how you are doing. Formative assessments help me know if you are learning the concepts that we are working on and guide how I differentiate instruction in our classroom. Is an activity helpful? Too easy? Too hard? Do we need to look at the concept from a different perspective to help you better understand? Formative assessments are all about you and I working together to help you understand the material. Having a positive attitude towards trying new things and doing your best in class is key. Formative Assessments are also used to determine your effort mark.

Summative Assessments: These assessments include Quizzes, Tests, Check Your Understanding assignments, Investigation Projects, and Self Assessments. These are the assessments that will make up most of your final letter grade. You and I will work together to make sure that your final grade is a fair reflection of your learning in the course.