

Science 9 Course Outline

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Textbook: BC Science 9
Science Room

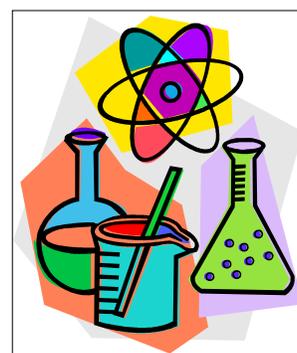
Welcome to Science 9!

Over the next few months, you will be participating in an exciting journey that uncovers a world of science that you've never experienced before! You and your classmates will be covering content including:

- The periodic table, describing the elements at the subatomic level and the compounds they form
- **The** cells that make up our bodies, witnessing their division and the development of new organisms
- The universe, examining its components including our solar system, its planets and other celestial bodies
- The movement of charges that gives rise to current electricity
- And much, much more.....

The following chapters will be uncovered as we complete our journey. To make this a more successful experience, you must keep up with readings (and other supporting materials).

Unit	Chapter
Introduction, Safety, Scientific Method	
Chemistry	1, 2, 3
Biology	4, 5, 6
Physics	7, 8, 9
Space	10, 11, 12



Evaluation

Term Mark:

Assignments - 35%

Regular class-work is a component of this course, many assignments being due at the end of class. Homework exercises will be checked daily and before the chapter tests for completion. Late assignments will receive a 50% deduction after that assignment has been handed back OR students can do the assignment during lunch for full marks.

Labs - 35%

Lab work is a core component of the grade 9 program. It is through lab based experience that you will develop an understanding of the materials in this course. Labs will be designed to emphasize the scientific method and encourage critical and creative thinking. Unexcused absences on the day of a lab will result in a zero for the lab. For excused absences, missed labs will be dealt with depending on the lab.

Tests - 30%

Tests will be written at the conclusion of each unit. Test dates will be provided well in advance, and you should spend a significant amount of time studying and preparing. You will write the test as soon as possible upon your return.

Evaluation of student's progress will be ongoing throughout the course and will be done in a variety of methods. Assessment will be informative to improve student's progress and formative to develop the student's final grade. Unit tests will be used as cut off points for turning in unit work. Rubrics will be used when appropriate.

The Path to Success

- **Be prepared and on time.** The successful student attends class regularly and brings all necessary materials **everyday**
- **Be organized.** Keep track of your classroom/homework assignments, and important dates.
- **Ask questions!** Get help right away. Small problems don't go away, they get bigger!
- **Use class time wisely.** If you focus, you will be able to get most of your homework done during class, while help is available!
- **Do homework!** It is essential that you keep up to date as each new concept builds on the previous one, and a new lesson will be taught every day.
- **Take personal responsibility for your learning!** If you have a problem with the course, come and talk to me before school, during lunch or after school.

Classroom Expectations:

- No pop or food! Only closed water bottles or closed coffee mugs are allowed.
- Music is permitted when completing work keeping in mind to not disturb your neighbours.
- Cell phones are welcomed to class as a resource, not as a distraction!
- Behave respectfully and courteously towards other students and your teacher at all times. It is important to build a positive learning environment where **everybody** feels comfortable.

With a lot of effort and enthusiasm, we should have a fun semester. Science demands thought and interest, you will get out of science what you put into it. Feel free at any time, in and out of class to ask lots of questions, because that's what science is all about, asking and answering questions. Please see me at any time for extra help. I want your science 9 experience to be a successful one!