

SCIENCE 9

MISS ZUKOWSKI

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Remind Messages:
**text @sci9missz
to the number
(289) 205-1115**

COURSE INFO

TEXTBOOK: *BC SCIENCE CONNECTIONS 9 (ONLINE)*

GRADE DISTRIBUTION:

TERM GRADES

Homework, Notebook & Journal	20%
Labs & Quizzes	25%
Tests & Assignments	55%

FINAL GRADE

Cumulative Term Grades	80%
Final Exam	20%

EXPECTATIONS: To ensure that you obtain **maximum benefit** from this course, the following minimal standards are expected from each student:

- ✓ Regular attendance
- ✓ Arrive to class on time & prepared to work.
- ✓ Report to class with all necessary books and supplies.
- ✓ Complete each assignment to the best of your ability
- ✓ Submit assignments on time.
- ✓ Always exhibit responsible, cooperative, and respectable behavior.
- ✓ Come to class with a positive and mature attitude and be prepared to work hard!

CELL PHONE POLICY: Unless otherwise instructed, my classroom is a **no phone zone!** Having a phone out in class is a distraction to your learning, disruptive for students around you, and disrespectful to your teacher. Cell phones should be on **silent & handed in during class**. Students will be presented with a **cell phone stamp card** where, when completed, students can elect to **omit a quiz mark!** This card will be stamped by your teacher each lesson your phone is handed in. Consequently, if a student is using their phone without permission, it will be confiscated and remain in storage for the duration of the class. If repeated offences occur, contact will be made home and/or admin notified.

Exceptions: Phones may be used as cameras to document observations during specialized activities or assignment work. May be used when instructed by a teacher for a Khoot Quiz.

GRADES: Grades will be updated as soon as possible following tests, quizzes, assignments, etc. They will be posted by student number on the class website. Alternatively, students can create a MyEd. BC account and check marks at any time.

REMIND: Be sure that you **join the class Remind app** to receive notifications of homework, upcoming quizzes & tests, etc. The class codes are on the *previous page* & *can also be found on the class website*.

WEBPAGE: The Science 9 webpage contains everything you need for the course, including a course calendar, notes, notes keys, worksheets, worksheet keys, assignments, and any general info such as this

outline, homework/notebook cover page, marking rubrics etc. The webpage is very important if you are absent. You can access what you missed that day (*get the notes, access the homework*) to stay caught up. I will also post videos and animations available that support the concepts in the course. My webpage is www.misszukowski.weebly.com and can be accessed through the school webpage.

ABSENCES: It is your responsibility to find out what was missed (*hint: remind app*) and take the proper steps to catch up! Check the remind app & the class webpage. Access the notes and assignment from my webpage. If you miss classes leading up to a test, you are still **required** to write the test on test day – come to focus block to get prepared. Absences for quizzes or tests **must** be supported by a note from a parent or guardian. ***If a valid excuse is not provided, you will not be permitted to make up the quiz/test.*** Pattern behavior will result in a referral to the administrative team.

QUIZZES: You will always be informed of a quiz (usually 2-3 days in advance). There will likely be several quizzes per unit, this depends on the length of the particular unit. If you miss a quiz without a valid excuse, you will not write it at a later date, you will simply get the quiz to complete as a worksheet. Your quiz will **only be omitted** if your absence was excused by a parent/guardian note, phone call or email.

TESTS: Are written at the completion of each unit and are always given at least 1 week notice and listed on the class webpage. Be responsible and prepare for tests! Begin studying multiple days in advance. You will often be given 1 class lesson to review-pending the pace of the course. If a test is not written due to absence, a ***note from home is required*** and you will write the test on your **first day back at school**.

CORRECTIONS: You are provided with the opportunity to do quiz **corrections**. Corrections on quizzes will be awarded +1/2 mark each & are to be submitted with the Unit Notebook, neatly on a separate page. Corrections must be ***completed on a separate page, original questions written out in pen in full, and the correct answer all in pencil.***

RE-TESTS: I DO understand the pressure of tests & your innate desire to do well! Sometimes we don't do as well as we had hoped. That's why you are allowed 1 re-test at the end of each term. Students will need to sign-up for a particular re-test in advance, which will be given in class on a **day specified by your teacher only**. Study hard & prepare appropriately for the re-test...because **your re-test mark becomes your new mark** regardless of if it is higher or lower than your original score. Re-tests are to save you when you "had a bad day", they are **not** a back-up plan when you didn't appropriately prepare for a test. For this reason, re-tests are **scaled out of 90%**. (*ie: if you scored 100% on the re-test, your mark will show 90%*)

HOMEWORK: Assignments will be given daily and will be checked the following lesson for completion. At the end of each unit homework marks are totaled for grading. Late homework assignments are to be submitted with the Unit Notebook, at the completion of the unit.

LABS: Experiments will be done with each unit, as fitting with course content. Lab write-ups will be self-evaluated using a rubric before handing in. Lab write-ups handed in late will be deducted marks up to the time that the **marked labs are handed back** (approx. 1 week). After this time, the lab **will not be accepted** as other students now have their **marked labs** returned. There will be a focus on helping you become confident in the science lab and competent at writing properly formatted write-ups.

BELL-RINGER JOURNAL: At the beginning of every week, you will get a page for your daily journal entries of the week. It will have prompts for you to encourage scientific critical thinking, and the topics will change daily. You are expected to complete your journal at the **start** of EVERY class. **You must be in class on time to get your journal mark of the day (unless you have an excused absence).** On Fridays, after you complete the daily journal entry, you will hand in your page for the week. I will mark your journal entries according to a pre-determined rubric. I will not judge your personal opinions, and want it to be a safe space for you to write and engage with the course. I do expect you to keep it appropriate, and to put in a good effort. I encourage you to be creative and colourful (but this is not a must). The purpose of the journal is to

function as a daily warm-up, and is a fun way to think about science in a greater context. As well, it encourages attending class on time. It also allows for more creativity than you might have gotten in previous science classes.

UNIT NOTEBOOK: Class notes, worksheets, vocab & formula list, homework assignments, quiz corrections, etc are all submitted in a package with a Unit Notebook Cover Page (copies on website & in classroom) on the day of the Unit Test. This is part of your homework grade, thus late submissions will lose marks accordingly (*see *Unit Notebook Cover page for details*)

3 things to live by in Science 9:

1. Work hard & Don't complain. If you listen, try your best in class, and complete your homework daily, your chances of success greatly increase. If you have a problem, suggestion, or you believe there has been a mistake, come speak to me privately and in a mature manner.

2. Be responsible for your work and preparation. Be aware of what is going on in the class with assignments, quizzes, tests, and the respective due dates. You know test dates a well in advance. If you are having trouble, seek extra help at Learning over Lunch. If absent, get caught up ASAP!

3. I am here to teach you & support you. If you are struggling with content or facing anxiety, please do not hesitate to come speak to me...I am a human, I am approachable, and I will do everything I can to help.

SCIENCE 9 LEARNING OUTCOMES:

“The electron arrangement of atoms impacts their chemical nature”

- The Periodic Table
- Element properties
- The History of The Atom
- Arrangement of Electrons
- Compounds formed by Elements

“Electric current is the flow of electric charge”

- Series and parallel circuits
- Electron flow and Electricity
- Ohm's Law
- Voltage, Current, and Resistance

“Cells are derived from cells”

- Mitosis & Meiosis
- different forms of Asexual Reproduction
- Sexual Reproduction
- Human Sexual Reproduction

“The biosphere, geosphere, hydrosphere, and atmosphere are interconnected, as matter cycles and energy flows through them”

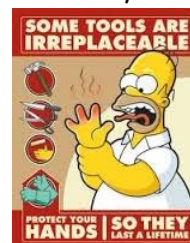
- Effects of Solar Radiation
- Cycling of Matter and Energy
- Biotic and Abiotic components of ecosystems
- Sustainability of systems



Laboratory Safety Rules



1. Students are not to enter the lab unless a teacher is present. Students are NEVER to enter the lab prep room.
2. Never run or 'muck around' in the laboratory. During a prac, you MUST remain at your own bench.
3. There is no food or drink permitted in the laboratory.
4. Water bottles & bags/backpacks are to be left at your desk during labs.
5. NEVER taste or smell any substance in the lab, unless instructed to do so safely by your teacher.
6. Always listen carefully and follow instructions specifically. If there is anything you don't understand, ask your teacher. It is very important for your safety that you understand all instructions.
7. Always clean up and return equipment to the correct place when finished an experiment.
8. Keep benches and floor areas tidy. This means all chairs must be pushed in when working at the lab benches, and extra books/equipment is never to be placed on the floor.
9. Breaks and accidents (even minor) must always be reported to your teacher immediately.
10. NEVER attempt to pick up broken glass. Inform your teacher, and keep others clear of the area.
11. Laboratory equipment and chemicals are ONLY to be used as directed by your teachers' instructions.
12. Waste products/remains from experiments are to be disposed of as instructed by your teacher. Remember, not everything is safe to rinse down the sink, or throw away in the bin.
13. Be sure any burning material (eg. Match) is put out completely before throwing away.
14. All hot equipment is to be placed to a heatproof mat, NOT directly on the benchtop.
15. ALWAYS wear safety glasses during experiments with hazardous materials or when heating.
16. Long hair and loose clothing must be tied back during experiments.
17. ALWAYS wash your hands after any experiments in the laboratory.
18. Use gas taps & water for EXPERIMENTS only.
19. Bench tops are to be cleaned and disinfected following EVERY practical experiment.
20. When heating or mixing substances, NEVER point towards yourself or others.
21. Never mix chemicals or do your own experiments unless you have permission from your teacher. This is wasteful, and could be very dangerous.
22. Always rinse/clean glassware following an experiment.
23. Always use tongs to pick up equipment/objects that have been heated
24. Only use matches to light Bunsen Burners.
25. If you need to leave a Bunsen Burner, ALWAYS turn it to the visible orange/yellow safety flame



Misbehaviour & breach of safety rules in the laboratory will result in immediate consequences, including a ban from participation in any further practical experiments.