

# Welcome to Science 9!



Teacher: Ms. M. Forero

Room: 226B

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Textbook: BC Science 9 (McGraw-Hill Ryerson)

## Course Objectives

1. To provide opportunities for students to develop positive science attitudes.
2. To provide opportunities for students to develop the skills and processes of science.
3. To increase students' scientific knowledge.
4. To provide opportunities for students to develop creative, critical, and formal thinking through inquiry.

Areas of Study
A. Processes of Science: Methods and Safety
B. Chemistry: Atoms, Elements and Compounds
C. Biology: Reproduction
D. Physics: Electricity
E. Earth and Ocean Science: Energy Transfer in Natural Systems

Assessment Breakdown	
Homework/Quizzes	15%
Labs	20%
Unit Tests	40%
Unit Projects + Presentation	25%

## Getting Help

Students often find they need extra help. You can always contact me by email if you have any questions.

Make sure you get help right away; often 5 minutes at lunch or after school will allow you to understand a concept so much better. I look forward to working with you this year!

## Successful Work Habits

- ✓ **Be on time to class**
- ✓ **Hand homework/class-work in on time**
- ✓ **Come to class prepared to work (with all materials)**
- ✓ **Maintain an organized binder**
- ✓ **Participate in classroom activities and discussions**
- ✓ **Behave appropriately (according to school and class expectations)**

## Equipment and Supplies

<p>The following items should be brought to class each day:</p> <ul style="list-style-type: none"><li>✓ Agenda</li><li>✓ Textbook</li><li>✓ Blue or black <b>and</b> Red ink pens</li><li>✓ HB pencil with an eraser</li><li>✓ Ruler</li><li>✓ 3 ring binder with dividers</li><li>✓ Lined loose-leaf paper</li></ul>	<p>The following items are not required; however, are recommended:</p> <ul style="list-style-type: none"><li>✓ Pencil crayons and/or colored pens</li><li>✓ White-out</li><li>✓ Scissors</li><li>✓ Protractor and compass</li><li>✓ Calculator (<b>non-graphing</b>)</li></ul>
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## Organization

Please use dividers to separate your notebook into the following sections. Please organize your work. All work should be neat and tidy, and should include your name and date at the top of the page. Binders may be evaluated from time to time on the basis of: neatness, organization, and completeness.

- A1 - Processes of Science: Methods**
- A2 - Processes of Science: Safety**
- B - Chemistry**
- C - Biology**
- D - Physics**
- E - Earth and Ocean Science**

## Homework

- The **flipped classroom** is a pedagogical (teaching) model in which the typical lecture and homework elements of a course are reversed. Short video lectures are viewed by students at home before the class session, while in-class time is devoted to exercises, projects, or discussions. These videos and/or readings will be accompanied with fill-in the blank guiding notes and may be accompanied by online quizzes. It is VERY IMPORTANT that you watch these homework video lectures and do the reading before coming to class, as they will prepare you for the in-class activities. You will likely be quizzed on the material in the video or reading at the start of class.
- Depending on how focused and on-task you are in class, there may be little to no extra homework other than the flipped-classroom videos or reading. Any other homework assignments must be handed in promptly at the beginning of class and will lose 10% per day if they are late.

## Tests and Quizzes

- Tests and quizzes will be given on a regular basis. Tests will be announced before they are to be written. Please note that quizzes will be given at any time, with or without notice. As such, it is extremely important for students to finish assignments and homework on time and to regularly review their class notes, homework, labs, and assignments.
- If you know for any reason you will not be able to make a test, your parent/guardian needs to provide me with a note or email me at [foreroortiz\\_m@surreyschools.ca](mailto:foreroortiz_m@surreyschools.ca) before the test is written to make other arrangements. It is your responsibility to make an appointment with me. You must be prepared to write the test the day you are back (before or after school) or during *our Test Make-up Time in Room 226B on Tuesdays at lunch or in the afternoon from 3 PM to 4:15 PM.*
- If you are absent or show up to class late, without a legitimate excuse, you will receive zero on any tests being written.

## Labs

- In preparation for senior science courses, you will begin developing your formal lab writing skills. Each unit will likely include an informal and formal lab. Instructions and support on how to write a formal lab will be given in the second unit.

## Unit Projects

- Teachers strive to make lessons relevant and engaging, but students are ultimately responsible for their own learning. In order for you to be motivated and accountable for your learning in this course, you will have **four** opportunities to do research on a topic that you are interested and excited about within our areas of study. You will develop and answer an inquiry question of your choice. You will have one period per week to work on your project.

## Assessment as Learning

- As a teacher, I believe and understand that learning is a process that occurs over time. As a student, you should know and understand that making mistakes is a part of learning. Thus, in this course, you will have plenty of opportunity to self-assess and receive feedback. Self and teacher assessments should be viewed as checkpoints for understanding that we can reflect upon together in order for you to improve throughout the course and be able to provide me with the best evidence of your learning by the end of the semester.

## Technology in the Classroom

### EDMODO

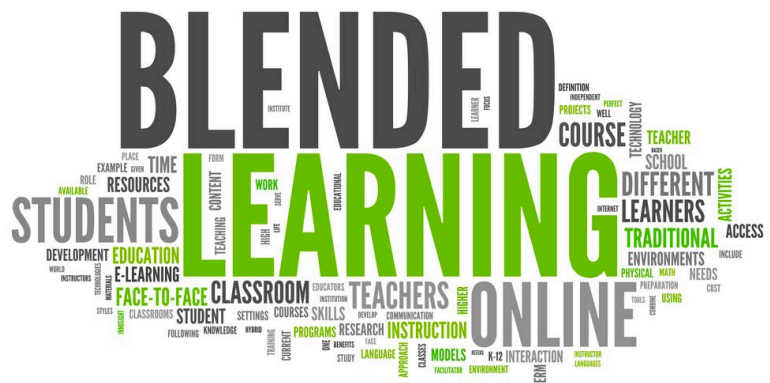
- The online learning platform we will be using in Science 9 is Edmodo. This platform is where students will have access to the most up-to-date information on assignment, homework and test dates, which will be modified throughout the semester to fit our progress. Please check this website regularly for updates, especially if you are away, as you are responsible for being prepared when you return. The majority of assignments will be handed in via Edmodo.  
**CLASS CODE: 36tmqs**

### REMIND

- Remind is a free, safe, and simple messaging tool that helps teachers share important updates and reminders with students and parents. Subscribe by text, email or using the Remind app. All personal information is kept private. I will never see your phone number, nor will you see mine.
- Follow the instructions in the PDF at the end of this outline to start receiving reminders as soon as possible. You can also choose to receive reminders via email.

### FRESHGRADE

- This year, our school district is exploring new ways to document and communicate learning. Students will be using FreshGrade to capture their learning journey through an online portfolio that is guided by the Science 9 Learning Standards. FreshGrade also helps to give parents a window into our classroom.



# Expectations

- 1) Be HONEST and RESPECT OTHERS & YOUR SURROUNDINGS
- 2) PUT FORTH YOUR BEST EFFORT AT ALL TIMES
- 3) ARRIVE ON TIME WITH ALL YOUR MATERIALS
- 4) BE IN YOUR SEAT AND READY TO BEGIN WORK WHEN THE PERIOD BEGINS
- 5) BE AN ACTIVE PARTICIPANT IN ALL CLASS ACTIVITIES AND ALWAYS RAISE YOUR HAND
- 6) MAINTAIN A POSITIVE ATTITUDE
- 7) ALWAYS DO YOUR OWN WORK AND DO NOT COPY FROM OTHERS
- 8) ASK FOR MY PERMISSION TO LEAVE THE CLASSROOM
- 9) HEALTHY SNACKS AND WATER ARE PERMITTED ON NON-LAB DAYS.
- 10) CELL PHONES MAY BE USED WHEN INSTRUCTED BY ME.

**Cell phones or any other personal electronic device used without permission will be confiscated and returned at the end of class.**

*Copied and/or plagiarized work, projects, assignments, quizzes, tests, etc. will result in a mark of zero for all individuals involved. There is zero tolerance for cheating. Any students who cheat will be reported to the counseling department and the administration.*

## Tardiness

- If you are late, the door will be closed. Knock gently and wait outside quietly. You will be let in when it is appropriate. When you come in the room, please write your name and reason for being late in the Late Binder. **You have 3 penalty-free unexcused lates for your entire year.** After a third unexcused late, expect a phone call home.

## Missed Class

Attendance is extremely important. If you are aware of an upcoming absence **it is YOUR responsibility** to see Ms. Forero prior to your absence in order to get the work you will miss and to rearrange a test date if necessary. If you miss a class, your parent or guardian is required to contact the school explaining your absence. Check Edmodo to see what you missed and what is required for homework, collect any missing papers from the extra handout bin, and contact another student to confirm any details. Record the first and last name, email and phone number of two other students in the class that you will contact to provide missed assignments or test information in your agenda.

## Contact a Buddy

**The following people are my Science 9 Buddies:**

	<b>NAME:</b>	<b>PHONE #:</b>	<b>EMAIL:</b>
1.	_____	_____	_____
2.	_____	_____	_____

### **If I miss class:**

*My buddy's responsibilities are:*

1. To get any handouts or assignments for me.
2. To take note of any due dates given in class.
3. To be prepared for a phone call.

*My responsibilities are:*

1. To call my buddy to get assignments.
2. To ask about any due dates, etc.
3. To COMPLETE the required work.

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## Parents

Welcome to Science 9! Engaged parents have a direct and positive impact on the successful development of a student. Communication and collaboration between teachers, students and parents will facilitate student learning.

By signing below you indicate that you have read the Science 9 course outline.  
Please sign and return page to the teacher as soon as possible.

Parent Name(s): \_\_\_\_\_ (please print)

Parent/Guardian Signature: \_\_\_\_\_ Date: \_\_\_\_\_

Parent email(s): \_\_\_\_\_

Parent phone number(s): \_\_\_\_\_

Student Name: \_\_\_\_\_ (please print)

Student Signature: \_\_\_\_\_ Date: \_\_\_\_\_

Student email: \_\_\_\_\_

Comments or Questions: