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Room 10

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**Science 9 Course Outline**

**Mount Royal School**

Welcome to Grade 9 Science for the 2020-2021 school year!

This year is designed to equip you with the scientific concepts and processes needed to explore and understand your world and help transition you into high school sciences. Throughout the year we will develop your skills as a scientist, make connections and develop your critical thinking and problem solving skills. You’re all scientists!

You will be provided opportunities to demonstrate your mastery of the outcomes of the Grade 9 Program of Studies, and beyond, through a variety of scientific experiences. Our approach to learning will be very student centered, so the attitudes of both you and your teacher will be crucial to the success of the year. It is expected that in this inquiry process you will be enthusiastic, engaged and committed to the process. Your teachers promise to do the same!

**We know that ALL of you will be (and already are) successful scientists.** **This is going to be an amazing and exciting year for all of us!!**

**TOPICS OF STUDY**

This year we will be studying all of the units of the Program of Studies for Grade 9, which are:

1. Biological Diversity
2. Matter and Chemical Change
3. Environmental Chemistry
4. Electrical Principles and Technologies
5. Space Exploration

**MATERIALS**

You are responsible for bringing the following items to class daily and replenishing them immediately if they are used up or lost:

**1 three ring binder with lined paper ( a notebook can be optional for notetaking, etc.)**

**5 dividers with tabs for separating units**

**2 blue or black pens**

**1 pencil (for sketches)**

**1 eraser**

**1 ruler**

As the year progresses, duo tang/clear cover folders and/or poster paper/Bristol board and/or colored pencils may be required periodically.

All lab materials will be provided by the school.

**ASSESSMENT**

You will be evaluated on classroom work, homework assignments, labs, projects (individual or group), performance tasks, conversations, quizzes and tests. The time spent on each, and the weighting given, will vary throughout the year depending on the topics being covered, the pace of study, and your needs.

**STUDENT EXPECTATIONS**

* **RESPECT** for your classmates, your instructor and yourselves is expected at ALL times. We encourage you to come to class with a positive attitude and willingness to learn.
* Should you miss a class FOR ANY REASON, please remember it is your responsibility to find out about any assignments you may have missed. If you miss an exam or in-class assignment you must make arrangements immediately to complete the evaluation as soon as possible. This can be done by asking your teacher or checking on teacher websites and D2L. Please note that due dates are set for a reason and every effort must be made to complete your work on time.
* **If you don’t know, ASK!!** We are always available to answer student questions during class, and, if we haven’t had time to address the question, please feel free to arrange for extra help at another time.
* You MUST come to class prepared. This means you must have your binder, notebook/paper, pens, pencils, and eraser with you EVERY SINGLE DAY!!

We welcome and value contact with parents. If you have any questions or comments, now, or at any time throughout the school year, please do not hesitate to contact us by phone or by email.

We look forward to a fantastic year of science discovery!!

Lindsay Booth & Tim Van Kleeck