GRADE 9 APPLIED SCIENCE (SNC1P)  
COURSE OUTLINE & ASSESSMENT POLICY

Teacher:  
Office:  
Contact:  (905) 294 – 1886 ext.

Course Description:  
This course enables students to understand basic concepts in biology, chemistry, physics and earth and space science. Students will develop practical skills in scientific investigation and apply their knowledge of science to everyday situations. Students will conduct investigations into practical problems and issues related to cell division and reproduction, the structure and properties of elements and compounds, astronomy and space exploration, and static and current electricity. This course is a prerequisite requirement for the Gr. 10 science course that is a mandatory credit.

Units of Study:  
Chemistry: Properties of Common Materials  
Physics: Electrical Applications  
Biology: Reproductive Processes  
Earth & Space Science: Space Exploration

Assessment and Evaluation of Student Achievement:  
A variety of assessment and evaluation methods will be used to address the needs of individual students, and for the demonstration of learning expectations. Assessment shall be used to gather information for diagnostic, formative and summative purposes. Report cards will include a mark based on student achievement and a separate record of the learning skills.

Final marks assigned to a student will be calculated using the following breakdown:

Formative Assessment (term work) 70%  
Summative Assessment (exams, culminating tasks) 30%

The term work mark will be assessed according to Achievement Chart categories with the following respective percentages:

Knowledge/Understanding 35%  
Inquiry 30%  
Communication 20%  
Making Connections 15%

Assessment of Learning Skills:  
Learning skills will be reported separately and will include feedback on work habits (effort, homework completion, punctuality, participation, and preparedness), organization, initiative, teamwork and ability to work independently. These skills will be assessed regularly and randomly throughout the course. Please refer to the M.D.H.S. Learning Skills Rubric for grading criteria.

Textbook and Resources:  
The textbook used for this course is the Nelson Science 9: Concepts and Connections. Textbooks remain in the classroom unless signed out in advice with your teacher. You will be responsible for returning your assigned textbook in good condition or paying the cost of replacing the book. The replacement cost of your textbook is $55.00.

Attendance and Punctuality:  
Regular attendance is one of the most important contributors to success at school. It is vital to the learning process. When a student is absent from class, regardless of the reason, it is the responsibility of the student to make
arrangements with the teacher to satisfactorily make up all missed learning experiences missed. Student should be prepared to complete any missed assessments (including Unit Tests) immediately upon their return to class.

If you are absent for a unit test and know ahead of time, it is your responsibility to make arrangements with your teacher in advance to reschedule evaluations. In the event of an illness, a doctor’s note or a signed parental note must be shown when you return to class stating the reason for your absence. Truancy (skipping) will not be tolerated and there will be no make-up evaluations under these circumstances.

The science department will strictly adhere to the school’s “Student Attendance Policy” (please refer to the student agenda). All students are expected to be on time to class. When students arrive late they miss important announcements or opening learning activities and they also disrupt the teaching/learning process that is underway.

Homework and Assignments:
Homework is an important part of the learning process. It is beneficial for students to review the material taught during the day to reinforce the learning. If you are absent it from class it is your responsibility to find out what you have missed. Please find 2 learning partners that you can contact during the school year.

All major assignments, including presentations, projects and labs must be completed in order to successfully meet the requirements of the course. Students who fail to meet deadlines (due dates) and do not submit assignments will have the appropriate academic penalties applied and their credit may be at risk. All evaluations will strictly adhere to the current school policy.

Laboratory Activities:
A major portion of the evaluation in this course will be based on activities performed in the laboratory. Students will be assessed and evaluated on these laboratory skills and will be expected to actively participate regularly.

Extra Help:
Extra help will be provided on a regular basis, by appointment please. You are welcome to drop-in to the science office, Room , but your teacher may have prior engagements. It is highly recommended that students use class time wisely and take every opportunity to receive help by the teacher during class. *Homework must be completed and quizzes must be corrected before extra help will be given.

Food and Drinks in the Classroom:
Due to health reasons and sanitation, food and drinks will not be permitted in any science classroom or laboratory.

Studentship Expectations:
The science department at Markham District High School expects the following from their Grade 9 students:
• Come to class on time and prepared with necessary materials
• Listen carefully and take responsibility for understanding the material
• Make sure you understand exactly what is required in an assignment before leaving class
• Work co-operatively with your teacher and classmates
• Do your homework and meet deadlines for assignments and projects
• Develop a positive attitude and take an interest in new things
• Maintain a complete, neat and well organized notebook
• Participate and try your best!

Learning Partners

Partner #1: _______________________________ Phone: ________________________________ Email: ________________________________

Partner #2: _______________________________ Phone: ________________________________ Email: ________________________________