

COLONEL BY SECONDARY SCHOOL

Course: SNC 1DE - GRADE 9 SCIENCE

Level of Difficulty: ENRICHED

Credit Value: ONE CREDIT

Textbook: SCIENCEPOWER 9
McGraw-Hill

Course Description:

This course allows students to understand basic concepts in biology, chemistry, earth and space science and physics; to develop skills in the processes of scientific inquiry; to relate science, society and the environment.

Students will learn scientific theories and conduct investigations related to cell division and reproduction; atomic and molecular structures and the properties of elements and compounds; the principles of electricity; and the universe and space exploration.

The enriched course will follow the Ministry Guidelines for the regular academic level course but will be differentiated (in breadth and depth) to meet the specific needs of the particular students to develop creative, critical, flexible and logical thinking skills. There will also be emphasis on the development of structured presentation skills and problem solving.

UNITS OF STUDY

Biology: Reproduction

Chemistry: Atoms and Elements

Physics: The Characteristics of Electricity

Earth and Space Science: The Study of the Universe

EVALUATION

Term Evaluation	70%
Knowledge and Understanding	25%
Thinking/Inquiry/Problem Solving	25%
Communication	10%
Making Connections	10%
Summative Evaluation	30%

STUDENT RESPONSIBILITY

- ❑ It is the **responsibility of the student** to catch up on all missed work

ABSENCES

- ❑ Responsible students make every effort to attend class. They miss class only on rare occasions.
- ❑ If you know that you will be away (appointment or sports event), speak to the teacher before the absence to find out what you will miss.
- ❑ If you are away unexpectedly (e.g. illness), you should attempt to find out what you are missing while you are away. If this is not possible, you should obtain class notes and related information as soon as you get back.
- ❑ You should provide a note to your tap teacher explaining your absences.

MISSED EVALUATIONS

- ❑ **You must also provide a note to your classroom teacher if you miss an evaluation of any kind. Your parent or guardian must sign this note.**
- ❑ Missed quizzes, assignments, or labs will be written or preformed at the discretion of the teacher.
- ❑ Students who miss a **unit test** will be required to write a replacement test as soon as they return. A note or medical certificate is required to verify the absence.

SUMMATIVE EVALUATION

- ❑ All students are required to write a **final exam** in June. The exam will cover the entire year's work and will be calculated as **20%** of the student's total mark.
- ❑ A **final culminating task** will be worth **10%** of the summative evaluation.

TEXTBOOK

- ❑ Your textbook costs \$73.49. You are responsible to taking good care of your book. **Your textbook must be covered.**

Student's Signature: _____

Parent's Signature: _____