

COLONEL BY SECONDARY SCHOOL

COURSE: SNC 2DE - GRADE 10 SCIENCE

LEVEL OF DIFFICULTY: Academic (enriched)

PREREQUISITE: SNC1DE

CREDIT VALUE: one credit

TEXTBOOK: SCIENCE 10 - Nelson

COURSE DESCRIPTION

This course allows students to consolidate and extend concepts in Biology, Chemistry, Physics, and Earth and Space Science which were introduced in the Grade 9 course. The variety and diversity in science as well as the interrelationships among the various disciplines will be highlighted. Before the completion of this course students should be able to select the science disciplines they wish to follow during the senior grades.

The enriched course will follow the Ministry Guidelines for the regular advanced level course but will be differentiated (in breadth and depth) to meet specific needs of the particular students in the classroom. Course material and current media articles will be used to encourage students to develop creative, critical, flexible and logical thinking skills.

UNITS OF STUDY

| <u>Unit</u> | <u>Topic</u> | |
|-------------|-------------------------|---|
| 1 | Chemistry: | Chemical Reactions |
| 2 | Biology: | Tissues, Organs, and Systems of Living Things |
| 3 | Optics: | Light and Mirrors |
| 4 | Earth and Space science | Climate Change |

EVALUATION

| | |
|---------------------------|---------------------------------|
| Class work | 70% |
| • Knowledge/understanding | (25%) |
| • Inquiry | (25%) [5% from science project] |
| • Application | (10%) |
| • Communication | (10%) |

Class work includes: quizzes, tests, projects, assignments, labs, lab reports

Summative Evaluation **30%**

- Lab based skills (10%)
- Written exam (20%)

NOTES:

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 from fellow students.
- You should provide a note to your teacher explaining your absence. **This note must be signed by your parent or guardian.**

Missed Evaluations:

- Missed quizzes will be pro-rated, provided a note has been given to the teacher.
- Any student who misses a laboratory period must, at the discretion of the teacher, either
 - a) do the lab at a designated time and then write a lab report.
 - b) obtain the results from a student and make notes on the lab.
- Students who miss a **test** will be required to write a replacement test as soon as they return. A note from the parents is required to verify the absence.

Summative Evaluation:

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

Textbook:

- Your textbook cost \$86.77 to replace. You are responsible for taking good care of your book.

Student's signature: _____