

COLONEL BY SECONDARY SCHOOL

COURSE: SNC 1D - GRADE 9 SCIENCE

LEVEL OF DIFFICULTY: Academic

CREDIT VALUE: one credit

TEXTBOOK: SCIENCEPOWER 9
MCGRAW-HILL

COURSE DESCRIPTION

This course allows students to understand basic concepts in Biology, Chemistry, Physics, and Earth and Space Science; to develop skills in the processes of scientific inquiry; to relate science to technology, 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.

UNITS OF STUDY

Unit	Topic
1	Biology: Reproduction
2	Chemistry: Atoms and Elements
3	Physics: The Characteristics of Electricity
4	Earth and Space Science: The Study of the Universe

EVALUATION

Class work	70%
• Knowledge/understanding	(25%)
• Inquiry	(20%)
• Making connections	(15%)
• Communication	(10%)

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

Summative Evaluation	30%
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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.
- You should provide a note to your homeroom teacher explaining your absence. **You must also provide a note to your classroom teacher if you miss an evaluation of any kind. This note must be signed by your parent or guardian.**

Missed Evaluations:

- A skipped evaluation will be given a mark of zero.
- 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, or
 - b) obtain the results from the teacher, make notes on the lab and then write up the lab
- Students who miss a **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:

- 30% of your final mark will be based on a summative evaluation. (More details to follow)

Textbook:

- Your textbook costs approximately \$74.00 You are responsible for taking good care of your book.
- **Your textbook must be covered.**

Student's signature:

Parent's signature:
