



Bracebridge and Muskoka Lakes Secondary School

Course Information Sheet



Course: Grade 10 Applied Science
Course Code: SNC2PR
Teacher: Mr. Bagshaw bill.bagshaw@tldsbc.on.ca

Room: 250, Block C
Voice-mail : (705) 645-4496 x 403
Text: Nelson: Science Connections 10

COURSE DESCRIPTION:

Prerequisite: Grade 9 Science Applied
This course enables students to develop a deeper understanding of concepts in biology, chemistry, earth and space science, and physics, and to apply their knowledge of science in real-world situations. Students are given opportunities to develop further practical skills in scientific investigation. Students will plan and conduct investigations into everyday problems and issues related to human cells and body systems; chemical reactions; factors affecting climate change; and the interaction of light and matter. The course will include the following units:

Physics

A wide range of technologies utilize the properties of light and colour. The behaviour of light depends on the materials with which it interacts. Light is a form of energy, produced from a variety of sources, and can be transformed into other useful forms of energy.

Biology

All animals are made of specialized cells, tissues, and organs that are organized into systems. Although technology and chemicals can be used to improve human health, they can also constitute a health hazard.

Chemistry

Chemicals react with one another in predictable ways. Chemical reactions are a necessary component of chemical products and processes used in the home and workplace.

Earth and Space Science

Global climate change is affected by both natural and human factors. Climate change affects living things and natural systems in a variety of ways.

EVALUATION: For purposes of evaluation each term has a progress reporting period and two exams: one at the end of each term.

Progress Reports Issued - Friday, March 21, 2014	Midterm Reports Issued - Week of April 22, 2014
Parent/Teacher Interviews - Tuesday, March 25, 2014	Full Disclosure - 5 school days after Midterm reports issued
Midterm Exam: Friday April 11, 2014	Final Exams - Thursday, June 19 - Wednesday, June 25, 2014
Day 45 of semester, term #1 ends -Friday, April 11, 2014	Commencement - Wednesday, June 25, 2014
Day 46 of semester, term #2 begins Monday, April 14, 2014	Final Reports Mailed - Week of July 1, 2014

LEARNING SKILLS:

The following learning skills:

1) Works Independently 2) Collaboration 3) Organization 4) Self Regulation 5) Initiative 6) Responsibility

will be evaluated as:

N (needs improvement)		S (satisfactory)	G (good)	E (excellent)
CALCULATION OF TERM MARK:				
KNOWLEDGE & UNDERSTANDING	THINKING & INVESTIGATION	COMMUNICATION	APPLICATION	TOTAL
28%	21%	10.5%	10.5%	70%

CALCULATION OF FINAL MARK:

TERM MARK	MIDTERM AND FINAL EVALUATION	FINAL MARK
70%	30%	100%



Parental Acknowledgement Slip.

Please complete the reverse, and return this slip to Mr. Bagshaw by Monday 3 February 2014.



CLASSROOM ORGANIZATION:

- 1. **COME PREPARED** to class. You should have your textbook, a three-ring binder with paper, blue or black pen, red pen, pencil, eraser, ruler and calculator.
- 2. In keeping with a respectful and cooperative learning environment, **NO PERSONAL ELECTRONIC DEVICES (CELLPHONES, BLACK BERRIES, I-PODS, I-PADS, I-PHONES, MP3 PLAYERS, etc.)** with the exception of classroom authorized devices are permitted in the Science classrooms. In the case of an emergency during the school day, a parent/guardian may call the school and the office will then locate the student.
- 3. As a safety measure, **NO FOOD OR BEVERAGES** are permitted in the Science classrooms.
- 4. Be on time with your **HOMEWORK DONE** and ready to work.
- 5. No put downs or teasing. **COOPERATE WITH EACH OTHER.** Compete only with yourself.
- 6. **LISTEN** attentively. Speaking out is unacceptable.

HOW TO ORGANIZE YOUR NOTEBOOK:

Use the following checklist to make sure you have a complete, neat and accurate notebook.

- 1. Notes are neat and in blue or black ink.
- 2. Pages are numbered.
- 3. All notes are dated and in the proper order.
- 4. Diagrams are labelled, neat and in pencil.
- 5. A ruler is used for all straight lines.
- 6. Agenda is up to date and organized.
- 7. All notes have a title that is underlined in red pen with a ruler.
- 8. All notes and assignments are complete, corrected and included.

ATTENDANCE:


Students are expected to attend every class. However, absences due to illness, field trips, interschool sports, and other school-related activities will occur. Any work missed during an absence must be completed. This includes notes, labs, lab reports, assignments and homework. If it becomes evident that this expectation is not being met by the student, he or she may be assigned to the detention room until all work is up-to-date. If you know in advance that you will be missing a class you should inform your teacher and request homework assignments so that you can complete these before you return. Remember that your teacher is available in the morning before classes, at lunch and after school if you require extra help in order to get caught up with work missed, or help you to understand the material.

LATE:

If you are late to class, you will be disruptive no matter how considerate you try to make your arrival. Please arrive to class on time. If you are late to class, be as considerate as possible upon your arrival. The consequences of late arrivals will be as follows:
1st late – teacher consultation
2nd late – teacher consultation and detention;
3rd & 4th late – parental contact and detention,
5th & continuing lates – referred to vice principal

EVALUATIONS (labs, reports, assignments, presentations, quizzes, tests):

If you know in advance (appointments, field trips, interschool sports, and other school-related activities) that you will be absent for an evaluation, **you** are **EXPECTED TO NOTIFY** your teacher and arrange an alternate time and date to complete the evaluation **BEFORE** the scheduled date of the evaluation. If a student is absent due to **illness** on the day of a scheduled evaluation, the **student** will be expected to notify the teacher before 8:40 a.m. on the day of return with a note from the parent/guardian explaining the illness in order to arrange a time to complete the evaluation at lunch or after school on that day of return. Failure to make these arrangements will result in a zero on that evaluation.



I have read and understood the above course outline.

STUDENT NAME (Please Print):

STUDENT’S SIGNATURE :

PARENT/GUARDIAN SIGNATURE:

DATE :

Please check one option for being on the parent’s e-mail list

- ☐ No e-mail please.
- ☐ I’ll send an e-mail (or the large QR-code) to bill.bagshaw@tldsbc.on.ca to get put on the parent’s mailing list
- ☐ Please put me on the list manually with the following address

@