



**Course:** Grade 11 Biology

**Course Code:** SBI3C

**Grade:** 11

**Course Type:** College Prep

**Credit Value:** 1

**Prerequisite:** SNC2P

**Curriculum Document:** The Ontario Curriculum, Grades 11 and 12, Science – 2008

**Textbook:** Biology 11, College Preparation

**Course Description:** This course focuses on the processes involved in biological systems. Students will learn concepts and theories as they conduct investigations in the areas of cellular biology, microbiology, animal anatomy and physiology, plant structure and physiology, and environmental science. Emphasis will be placed on the practical application of concepts, and on the skills needed for further study in various branches of the life sciences and related fields.

**Required Materials:** Students are expected to come to class every day prepared with:

3 ring binder

lined paper

textbook

eraser

ruler

calculator

pencils/pens

pencil crayons

### Units of Study:

1. Cellular Biology
2. Microbiology
3. Genetics
4. Anatomy of Mammals
5. Plants in the Natural Environment

In addition to the units of study, students will also develop **Scientific Investigation Skills** like initiating and planning, performing and recording, analyzing and interpreting, and communicating.

**Late Policy:** Students are expected to submit all assignments within the time frame specified. While teachers will consider extenuating circumstances, late students are subject to mark deductions. If an assignment is late, a penalty of 10% per school day will be deducted, up to a maximum of 50%. Once assignments have been returned to the class, late submissions may receive a mark of **zero**.

**Evaluation:** A student's final grade in the course will be determined as follows:

**70 % TERM MARK** This will include a variety of evaluations such as tests, quizzes, assignments and presentations and will be marked according to the following weightings.

Knowledge and Understanding	35%	Application	20%
Communication	15%	Thinking and Inquiry	30%

**30 % SUMMATIVE EVALUATION** This will be a final examination based on all material covered in the course.

**Student Expectations: In order to be successful in SBI3C all students must:**

**1. Attend class every day:**

If you are absent it is YOUR responsibility to obtain notes from a classmate, catch up on missed work, find out about any upcoming evaluations and see the teacher if you need assistance.

**2. Arrive to class prepared to work physically and mentally:**

Class time is precious and should not be wasted going to your locker or to the washroom. Make sure you bring the required materials, use the washroom during breaks and are in your seat ready to work when the bell rings.

**3. Complete and check all homework:**

Homework and assignments are crucial to your success in science because they help to solidify and check your understanding of the topic. Homework and assignments should be completed on the day they are assigned and will be checked, taken up or discussed in class. If you have difficulty with the homework extra help is always available but YOU have to ASK.

**4. Make arrangements for any missed tests/quizzes.**

If you know you are going to be away on the day of a test (sport/club etc) make sure you make arrangements with the teacher to write the test at an alternate time. For unexpected absences, see the teacher BEFORE CLASS on the day you are back at school. Tests or quizzes missed due to TRUANCY will result in a mark of ZERO.

**5. IPAD Policy:**

In this class students will use their IPAD in a variety of ways including accessing online resources, presentation software and other apps. During class time it is expected that students will not use IPAD's for **games** or **music**. Failure to adhere to this policy will result in removal of IPAD from student use.

I understand the above expectations and I am ready to be successful in science:

\_\_\_\_\_  
STUDENT'S SIGNATURE

\_\_\_\_\_  
PARENT'S SIGNATURE

