

NEPEAN HIGH SCHOOL

Science Department

SBI 3C

Prerequisite: SNC 2D or SNC 2P

Teacher Name: MsGerards

Student Name: _____



Textbook: Biology 11 College Replacement Value: \$ 90.00 Assigned Text # _____

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. The curriculum document is available from: <http://www.edu.gov.on.ca/eng/curriculum/>

UNITS OF STUDY:

Unit 1	Cellular Biology	Unit 4	Anatomy of Mammals
Unit 2	Microbiology	Unit 5	Plants and their Environemnt
Unit 3	Genetics		

ASSESSMENT AND EVALUATION:

Category and Types of Assessment	Weight
Knowledge & Understanding <ul style="list-style-type: none">knowledge of facts and terms; understanding of concepts, principles, laws and theories; relationships between concepts and transfer of concepts to new contexts	15 %
Thinking, Inquiry & Problem Solving <ul style="list-style-type: none">use of skills and strategies in scientific inquiry, such as planning, performing, recording, analysing, interpreting and problem solving ; applications of technical skills and procedures; use of equipment and materials;	15 %
Application <ul style="list-style-type: none">connecting science, technology, society and the environment	15 %
Communication <ul style="list-style-type: none">communicating information and ideas with clarity and precision; using scientific terminology, conventions and SI units	15 %
Summative <ul style="list-style-type: none">end of year summative project (rich performance task) 10% and final exam 20%	30%

ADDITIONAL NOTES:

The Nepean Science Department follows the evaluation policies as outlined in the Student Agenda. Students are expected to care for the textbooks issued to them and to return them in good condition. Each student is required to bring to class pens and pencils, textbook and notebook, and a ruler, geometry set, graph paper and a scientific calculator. Students are expected to behave in a responsible manner. They will be billed for any breakage that results from carelessness. All work to be marked must be typed or neatly handwritten in blue or black ink. Pencil is only permitted for diagrams. All assignments are to be written individually, unless otherwise stated by the teacher. Extra help for review, remediation or enrichment is readily available. This is best arranged by appointment. Your teacher will provide times when (s)he is available.

