



Durham District School Board  
Brooklin High School  
Science Department  
Course Outline: BIOLOGY, Grade 11, University

Department Head: D. O'Neill

Teacher:

Course Code: SBI 3U1 (Credit Value: 1.0)

Prerequisites: SNC 2D1

***Overall Curriculum Expectations:***

Students will study theory and conduct investigations in the areas of biodiversity; evolution; genetic processes; the structure and function of animals; and the anatomy, growth, and function of plants. They will develop the skills, strategies, and habits of mind required for scientific inquiry, and understand the basic concepts of biology.

***Course Description:***

This course enables students to explore biodiversity; plants; genetic processes; internal systems of animals; and evolution. They will enhance their scientific investigation skills as they explore the topics under study.

***Course Strands:***

Scientific Investigation Skills and Career Exploration, Diversity of Living Things, Evolution, Genetic Processes, Animals: Structure and Function, Plants: Anatomy, Growth, and Function.

***Units of Study:***

- Unit 1: Diversity of Living Things
- Unit 2: Plants: Anatomy, Growth, and Function
- Unit 3: Genetic Processes
- Unit 4: Animals: Structure and Function
- Unit 5: Evolution

***Teaching Strategies:***

A variety of teaching and learning strategies will be incorporated throughout the course.

***Assessment & Evaluation:***

Assessment and evaluation will encompass all four categories of achievement: **Knowledge and Understanding; Thinking/Inquiry; Communication; and Making Connections/Application.** This course will involve a number of assessment and evaluation strategies that will provide all students an opportunity to meet with success.

***Term Work: 70%***

Labs and Assignments	30%
Quizzes	10%
Tests	30%

***Final Summative: 30%***

Summative Project	5%
Final Exam	25%

***Learning Skills and Work Habits:***

The following Learning Skills and Work Habits are evaluated regularly using a scale of Excellent, Good, Satisfactory or Needs Improvement: **Responsibility, Organization, Independent Work, Collaboration, Initiative, Self-Regulation.**

***Textbook:*** McGraw-Hill Biology 11 (replacement cost: \$83.00)

***Class requirements:*** 3-ring binder, scientific calculator, pen, pencil, ruler