



**ÉCOLE SECONDAIRE  
WINDSOR  
SECONDARY SCHOOL**

931 Broadview Drive  
North Vancouver, BC V7H 2E9  
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## **LIFE SCIENCES 11 - COURSE OUTLINE**

### **BIG IDEAS**

- All living things have common characteristics
- Living things evolve over time
- Organisms are grouped on the basis of identifiable similarities

### **COURSE CONTENT**

- **Characteristics of Living Things/Cell Biology**  
(Cell Structure & Function, Photosynthesis, Cellular Respiration, Cell Growth & Division, Viruses & Prokaryotes)
- **Evolution**  
(Darwin's Theory of Evolution, Evolution of Populations, History of Life)
- **Taxonomy**  
(Classification, Protists & Fungi, Introduction to Plants, Introduction to Animals, Animal Evolution & Diversity)

### **PROVINCIAL CORE CURRICULUM (Curricular Competencies & Content):**

- [https://curriculum.gov.bc.ca/sites/curriculum.gov.bc.ca/files/curriculum/science/en\\_science\\_11\\_life-sciences\\_elab.pdf](https://curriculum.gov.bc.ca/sites/curriculum.gov.bc.ca/files/curriculum/science/en_science_11_life-sciences_elab.pdf)

### **RESOURCE MATERIALS**

- Biology (Miller–Levine 2017) Textbook

### **ASSESSMENT AND EVALUATION**

**Assessment** is the systematic gathering of information about what students know, are able to do, and are working towards. Assessment methods may include quizzes, student self-assessment of **core competencies**, performance observations, & conferencing.

**Evaluation** strategies may include

- Assignments, activities
- Tests, quizzes
- Projects, lab activities
- Presentations, mind maps

### **MARKS ASSIGNMENT**

- Final mark is determined from the various assessment and evaluation strategies  
(**80% Tests/Quizzes & 20% Assignments**)

## POLICIES AND PROCEDURES

- Students are expected to follow the safety rules outlined in the text and discussed in class
- Students are required to maintain **Marks Record Sheets**
- Students will be given a **Progress Report** each term which must be signed by a parent/guardian and returned to the Science teacher (for students receiving a mark less than 60%, this report constitutes an “IE” letter grade (Insufficient Evidence of Learning))
- It is expected that students will demonstrate ethical, responsible, cooperative behavior
- Cheating, plagiarism, and academic dishonesty (e.g. “skipping” class) are not acceptable
- No credit, or additional opportunity for make-up, will be given to students involved in any form of cheating, plagiarism or academic dishonesty
- **Cell phones and electronic devices are not permitted in Science classrooms**

## ATTENDANCE

- Missing classes for any reason will have an impact on academic success
- **Students absent from class are solely responsible for obtaining and completing any missed work. Please email Mr. Lonneberg ([klonneberg@sd44.ca](mailto:klonneberg@sd44.ca)) and be prepared to attend tutorial time the day you return**
- Tutorial times are offered each school day before the first period and must be utilized following any absence from class
- A mark of zero may be assigned for all missed assignments, tests, and quizzes
- Students that know they will be absent from class must obtain and complete the **Windsor Science Department Absence Form** from their teacher, well in advance of their absence
- The school and teaching staff are not required to make special arrangements for unexcused absences
- **Family vacations are not an excused absence**
- Repeated unexcused absences or lates will result in consequences from the classroom teacher and from the grade administrator
- **Please refer to the School District 44 ‘Attendance Matters’ document found on the North Vancouver School District Home Page**

## TEXTBOOKS

- Textbooks must be maintained throughout the course, and students must return their assigned textbook at the end of the year
- Students will pay for lost/damaged textbooks
- Students will be expected to maintain an organized binder containing notes, workbook, assignments, and activities

PRINT STUDENT NAME: \_\_\_\_\_

STUDENT SIGNATURE: \_\_\_\_\_

PRINT PARENT/GUARDIAN NAME: \_\_\_\_\_

PARENT/GUARDIAN SIGNATURE: \_\_\_\_\_

DATE: \_\_\_\_\_