



**ÉCOLE SECONDAIRE  
WINDSOR  
SECONDARY SCHOOL**

931 Broadview Drive  
North Vancouver, BC V7H 2E9  
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## SCIENCE 10 - COURSE OUTLINE

### BIG IDEAS

- DNA is the basis for the diversity of living things
- Energy change is required as atoms rearrange in chemical processes
- Energy is conserved, and its transformation can affect living things and the environment
- The formation of the universe can be explained by the big bang theory

### COURSE CONTENT

- Life Science: **Biology**
- Physical Science: **Chemistry**
- Physical Science: **Physics**
- Space Science: **Cosmology**

- **Provincial Core Curriculum (Curricular Competencies & Content):**  
<https://curriculum.gov.bc.ca/curriculum/science/10>

### RESOURCE MATERIALS

- BC Science Connections 10 (Nelson)

### 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, and conferencing.

**Evaluation** strategies may include

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

### MARKS ASSIGNMENT

- Final mark will be determined from the above 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**
- 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: \_\_\_\_\_