



## WEST VANCOUVER SECONDARY SCHOOL

1750 Mathers Avenue  
West Vancouver, BC V7V 2G7  
(604) 981-1100  
Fax (604) 981-1101



# SCIENCE 9

Teacher: Ms Yalowega  
Room: 52

Email: [myalowega@sd45.bc.ca](mailto:myalowega@sd45.bc.ca)  
Website: [www.yalowega.weebly.com](http://www.yalowega.weebly.com)

## 1. Course Objectives and Content

The science 9 curriculum emphasizes how science and its related skills are used in everyday life and in the workplace. This course will cover a variety of topics in science including Biology, Chemistry, Physics, and Astronomy.

During the course the following topics will be covered. Please see IRPs for specific learning outcomes (<http://www.bced.gov.bc.ca/irp/>). Chapter numbers are based on our textbook, BC Science Probe 9.

## Course Content

Textbook: Science Probe 9

1. **Lab safety-** throughout the year
2. **Reproduction**
  - Ch. 2 – Cell Growth & Reproduction
  - Ch. 3 – Sexual Reproduction
  - Ch. 4 – Human Reproduction
3. **Atoms, Elements, and Compounds**
  - Ch. 5 – Properties and Changes
  - Ch. 6 – The Elements
  - Ch. 7 – Atomic Theory – Inside the Invisible
  - Ch. 8 - Ionic Compounds: Names & Formulas
4. **Characteristics of Electricity**
  - Ch. 9 – Static Electricity
  - Ch. 10 – Current Electricity
  - Ch. 11 – Using Electricity
5. **Space Exploration**
  - Ch. 12 – The Solar System
  - Ch. 13 – The Stars
  - Ch. 14 – The Tools of the Astronomer
  - Ch. 15 – Exploring Space

Note: The order of topics is subject to change.

## 2. Equipment and Supplies

Please come prepared to each class with the following: textbook (or laptop), three ring binder with loose leaf paper, pens, pencils, ruler. Other supplies such as graph paper and calculator may be required at various times during the course.

### 3. Evaluation: Cumulative Grading

This year our system of calculating marks is a continuous grading system throughout the year. This means that your grade at **each** reporting period will be calculated as a cumulative percentage which will include assessment for all of your learning from September forward.

**Cumulative Classroom Assessment: 85%**

Cumulative Final Exam: 15%

#### **Classroom Assessment**

Assignments (class-work, homework, group work, labs, activities, etc.): 30%

Quizzes and tests: 70%

### 4. Successful Work Habits

Students often find they need extra help. If you would like to get extra help, please make an appointment so we can get you on the right track again.

Make sure you get help right away; often 5 minutes at lunch or after school will allow you to understand a concept so much better. I look forward to working with you this year!

- ✓ Be on time to class
- ✓ Hand homework/class-work in on time
- ✓ Come to class prepared to work (with all materials)
- ✓ Maintain an organized binder
- ✓ Participate in classroom activities and discussions
- ✓ Behave appropriately (according to school and class expectations)
- ✓ Assessment of work habits occurs regularly using the attached WVSS rubric.

### 5. Extra Help

Ms. Yalowega is available in the mornings before school for extra help in room 52. If you need extra help outside of this time, please set up an appointment by email.