

## New Westminster Online Learning School

**Course Title and Grade: Workplace Math 10**

### Course Description

Workplace Math 10 is for students who have a desire to move to Workplace Math 11 and may want to enter vocational training later.

Algebra, financial literacy, graphing, and trigonometry are some of the units covered in this course.

### Course Expectation

Students are expected to login regularly. Two-credit courses are to be completed in approximately two months. Some testing will be done under the supervision of a teacher.

### Enduring Understanding/Big Ideas

- **Flexibility** with number builds meaning, understanding, and confidence.
- **Representing and analyzing data** allows us to notice and wonder about relationships.
- 3D objects can be examined mathematically by **measuring** directly and indirectly length, surface area, and volume.
- **Proportional reasoning** is used to make sense of **multiplicative** relationships.

### Specific Learning Outcomes

<https://curriculum.gov.bc.ca/>

### Course Content

Module 1	Algebra
Module 2	Money and Finances
Module 3	Shapes and Geometry
Module 4	Measurement
Module 5	Trigonometry
Module 6	Graphs

**Student Learning Activities and Strategies**

Worksheets, Written material, videos, quizzes, tests

**Assessment**

Tests and written work

**Evaluation**

Learning Activity	Percentage of Final Mark
Written Responses	20
Tests	80
Total	100%

**Resources**

A computer with an Internet connection  
Scientific calculator