

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

Scientific calculator