

# Workplace Mathematics 10

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## Course Content

*Students will explore the following:*

- create, interpret, and critique graphs
- primary trigonometric ratios
- metric and imperial measurement and conversions
- surface area and volume
- central tendency
- experimental probability
- Financial Literacy: gross and net pay

## Big Ideas

Proportional reasoning is used to make sense of multiplicative relationships

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

Flexibility with number builds meaning, understanding and confidence

## Class Guidelines

- Students are expected to attend class on a regular basis.
- Students will have ample time to complete their assignments during class time.

## Marks

Student marks will be based on class participation, problem solving, and their ability to communicate learning. These marks will be generated through formal in-class assessments and informal discussions.

## Class Supplies

Students will need to bring a binder, pencil, eraser, and pen to class that will be kept in the classroom during daily classes and all online work will be assigned through MS Teams.

Ministry of Education website : [www.curriculum.gov.bc.ca](http://www.curriculum.gov.bc.ca)