



Course: MEL3E Workplace Math	Teacher(s): Ms. Dhawan	Program Leader: Mr. R. Marchildon
Email: sonia.dhawan@ugdsb.on.ca	Website: Google Classroom	

Course Description: This course enables students to broaden their understanding of mathematics as it is applied in the workplace and daily life. Students will solve problems associated with earning money, paying taxes, and making purchases; apply calculations of simple and compound interest in saving, investing, and borrowing; and calculate the costs of transportation and travel in a variety of situations. Students will consolidate their mathematical skills as they solve problems and communicate their thinking. Prerequisite - a grade 9 or grade 10 math.

Big Ideas (overall learning outcomes for the course):

- Develop a good understanding of the different types of jobs and methods of payment.
- Understand which deductions are taken from a paycheque and why, then how to manage their expenses to increase their financial worth.
- Understand the types of investment opportunities to make informed decisions to increase their financial worth.
- Develop a good understanding of calculating the final cost of a purchase and alternate purchasing options.
- Develop a good understanding of the responsibilities of owning and operating a vehicle.
- Develop a good understanding of alternate methods of travel, including accommodations.

Achievement Categories: Student learning is assessed and evaluated with respect to the following four categories of knowledge and skills.

Knowledge and Understanding: 25%
Thinking: 25%
Communication: 25%
Application: 25%

	Term Work (70%)
Unit of Study	Summative Evaluations
Different Methods of Pay	Unit test
Pay - Expenses & Deductions	Unit test
Banking & Investments	Unit test
Change & Sales Tax	Unit test
Owning & Operating a Vehicle	Unit test
Other Modes of Travel	Unit test
	Final Summative (30%)
	Portfolio - based on the application of knowledge of each unit.
	Interview - based on portfolio contents.



Course Materials and Replacement Cost

None

Assessment and Evaluation:

Formative assessments are used to improve student learning by providing varied opportunities to demonstrate an understanding of course expectations in preparation for summative evaluations. Summative evaluations test groups of key expectations. Failure to complete a summative evaluation may result in the expectations of the course not being met and the credit not being granted.

The following soft skills will be assessed:

Responsibility, Organization, Independent Work, Collaboration, Initiative, Self-Regulation

More details about Westside's Assessment and Evaluation Policy is available at:

<http://www.ugdsb.ca/westside/wp-content/uploads/sites/74/2016/12/Westside-Assessment.pdf>

Late Policy

Students are expected to complete all assigned work and submit it by the teacher's established due date. Every attempt will be made to encourage students to complete all assigned work on time so their grade represents their actual achievement. For late and missed summative assessments, please see the ***Westside Students' Contract for Missing Evidence of Learning***.

Student Expectations

Every student enrolled in mathematics at Westside is expected to:

- be on time to class
- be prepared for class each and every day. This means you bring a writing utensil, calculator and paper with you to class
- actively participate in class discussions
- complete homework assigned
- learn to problem solve using the techniques you will learn in class

Final Assessments/Examinations

Culminating activities for each unit must be completed by the student in order to achieve the credit. Failure to complete any one of them may result in loss of credit.

There are no extensions or exemptions for final assessments without the approval from an administrator.

I have read and understand the course outline: (front and back)

Student Name (please print): _____

Signature: _____

Parent/Guardian Name (please print): _____

Signature: _____

Parent/Guardian email (please print): _____