



Course: MEL 4E - Mathematics for Work & Everyday Life

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Course Description:

This course enables students to broaden their understanding of mathematics as it is applied in important areas of day-to-day living. Students will use statistics in investigating questions of interest and apply principles of probability in familiar situations. They will also investigate accommodation costs and create household budgets; solve problems involving estimation and measurement; and apply concepts of geometry in the creation of designs.

Big Ideas (overall learning outcomes for the course):

- Keeping a budget helps you make important life decisions about where and how you can spend your money, including choosing the appropriate accommodation
- You can use odds and probability to help make informed decisions in life.
- Knowing how to properly convert and calculate the necessary measurements can save you time and money.

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
Measurement	Test & Summative Assignment
Budget	Test & Summative Assignment
Housing	Test & Summative Assignment
Probability	Test
	Final Summative (30%)
Interview	On Exam Day (10%)
Final Project	Last week of Classes (20%)



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. Students will have the opportunity to complete mastery quizzes throughout each unit which may lead to a reduced summative assessment. 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 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
- be on time to class
- 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): _____



Westside Secondary School

Orangeville, Ontario, Canada

