



Westside Secondary School

300 Alder Street, Orangeville Ontario L9W 5A2

519-938-9355

Course Outline

www.ugdsb.on.ca/westside

Course: MAT 2L
Teacher(s): Clement

Program Leader: R. Marchildon
Email: gordon.clement@ugdsb.on.ca

Course Description: This course enables students to develop an understanding of mathematical concepts related to proportional reasoning, measurement, and financial transactions through investigation, the effective use of technology, and logical reasoning and application. Students will investigate practical applications of math skills, and identify how math can assist them in planning and organizing. Students will reason mathematically and communicate their thinking and understanding as they solve multi-step problems.

Big Ideas (overall learning outcomes for the course):

- Individual math skills can be applied to real world problems
- Proper understanding of math skills comes with the ability to identify the most efficient way of solving a problem
- Solving math problems involves a dynamic and flexible approach

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%

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.

Course Materials and Replacement Cost: None

	Term Work (55%)
Unit of Study	Summative Evaluations
Fractions Ratios and Proportions	In class assignment, Unit Test
Measurement	In class assignment, Unit Test
Financial Transactions	In class assignment, Unit Test
Planning / Organizing and Real World Applications	In class assignment, Unit Test
Observations and Conversations	Assessment of Mathematical Mindset (15%)
	Final Summative (30%)
Final Exam	Exam
Final Assignment	Culminating Task

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.

The following soft skills will be assessed:

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