

Course Outline

MEL3E- Mathematics for Work and Everyday Life



All courses within HDSB are taught in learning environments that promote inclusive education, and identify and eliminate discriminatory biases, systemic barriers, and power dynamics that limit the ability of students to participate, learn, grow, and succeed. All students see themselves reflected in the curriculum, their physical surroundings, and the broader environment, so that they are engaged in and empowered by their learning experiences.

*In this course you will use the mathematical processes of **problem solving, reasoning and proving, reflecting, connecting, representing, selecting tools and computational strategies and communicating** to learn about:*

Earning and Purchasing

- Earning
- Describing Purchasing Power
- Purchasing

Saving, Investing, and Borrowing

- Comparing Financial Services
- Saving and Investing
- Borrowing

Transportation and Travel

- Owning and Operating a Vehicle
- Travelling by Automobile
- Comparing Modes of Transportation

To see the learning expectations for this course go to page 77 of the document found at <http://www.edu.gov.on.ca/eng/curriculum/secondary/math1112currb.pdf>

Learning Skills & Work Habits

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

Learning skills and work habits are an important part of your growth. Learning Skills and Work Habits will be taught, assessed, evaluated, and shared on your report card. This gives you and your parents/guardians valuable information about your learning.

How your grades will be determined	
<p>Your work throughout the semester accounts for 70% of your final grade:</p> <ul style="list-style-type: none"> • Your teacher will collect and track evidence of your learning through observations of your work; conversations with you; and by evaluating the work you produce. • Your teacher will provide feedback to help you with further study and improvement • Your 70% work will be returned for your review and reflection. 	<p>20 % Knowledge & Understanding: Your knowledge of the content and understanding of the mathematical concepts</p> <p>20% Application: Your application of knowledge and skills in familiar contexts, and transfer of knowledge and skills to new contexts; your ability to make connections within and between various contexts</p> <p>20% Thinking: Your use of planning and processing skills, and critical and creative thinking processes, to solve problems</p> <p>10% Communication: Your oral, visual and written expression and organization of ideas and mathematical thinking, communication for different audiences/purposes, and use of mathematics conventions, vocabulary and terminology</p> <p><i>(The Mathematics Teacher Subject Council has determined the weightings of the above categories for this course)</i></p>
<p>The Final Evaluations account for 30% of your final grade³:</p> <ul style="list-style-type: none"> • A portion of your Final Evaluation will take place in class at or near the end of your course. It will not require significant preparation outside of class time.² • Another portion will take place during the Evaluation Block of time after classes end. 	<p>20% In Class Final Evaluation: This portion of your Final Evaluation will take place in class at or near the end of your course during protected time. It will not require significant preparation outside of class time.²</p> <p>10% Evaluation Block Final Evaluation: Another portion will take place during the Evaluation Block of time after classes end and will be a maximum duration of 2 hours.</p> <p><i>(The Mathematics Teacher Subject Council has determined the weightings of the above tasks for this course)</i></p>
<p>Your final grade will be calculated by combining your Term (70%) grade and your Final Evaluations (30%).</p>	

For more information about what you need to know about...

- 1) [Meeting Timelines and Academic Honesty](https://goo.gl/KTAh40)¹ - goo.gl/KTAh40
- 2) [Final 30% Evaluations](https://goo.gl/W82PYL)² - goo.gl/W82PYL
- 3) [Determining Report Card Grade](https://goo.gl/FuzbMW)³ - goo.gl/FuzbMW

Your teacher can provide you with a paper copy of this information if required.