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**Course:** Workplace Mathematics 11

**Course Length:** 10 months  
(approx. 120 hours)

**Teacher:** Ms. Leila Dianati

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### Course Curriculum

The curriculum for this course is built around these Big Ideas

Proportional reasoning is used to make sense of multiplicative relationships.	Mathematics informs financial decision making.	3D objects are often represented and described in 2D space.	Flexibility with number builds meaning, understanding, and confidence.	Representing and analyzing data allows us to notice and wonder about relationships.
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Students are expected to know the following:

- financial literacy: personal investments, loans, and budgeting
- rate of change
- how probability and statistics are used in different contexts
- interpreting graphs in society
- 3D objects: angles, views, and scale diagrams

**Mark Weighing**

<b>Category</b>	<b>Weighing</b>
Assignments	50%
Review quizzes	20%
Unit Tests	30%

**Resources**

- Textbook not required.
- A graphing calculator is required.

**Course Content**

*Completion of items in boldface and underlined will activate a student in this course*

<b>Units</b>	<b>Formative Assessment</b>	<b>Summative Assessment</b>
<b><u>1: Interpreting Statistical Graphs</u></b>	<b><u>1 assignment</u></b> <u>Review Quizzes</u>	1 Unit Test
2: Statistics in Everyday Life	1 assignment Review Quizzes	1 Unit Test
3: Rate of Change	1 assignment Review Quizzes	1 Unit Test
4: Linear Relationships	1 assignment Review Quizzes	1 Unit Test
5: Scale Diagram-3D Objects	1 assignment Review Quizzes	1 Unit Test
6: Financial Literacy	1 assignment Review Quizzes	1 Unit Test

**Students are expected to:**

- contact the teacher by email or phone when help is needed, or questions arise
- be actively engaged and submitting work on a regular basis
- inform the teacher when they will be inactive for two or more weeks.
- be aware that if they are inactive in a course for four or more weeks they may be removed from that course
- check their email at least twice a week
- create and submit completed solutions for all activities in the unit/chapter before requesting a test.
- cite all sources properly
- answer in their own words
- check that their work and tests have been marked.
- make appointments to write tests at least 2 school days in advance.