

Course Outline

Workplace Math 10



Required Materials:

- ❖ 2 - inch, 3 Ring Binder
- ❖ 3 hole punched lined paper
- ❖ 3 hole punched graphing paper
- ❖ Binder dividers for each unit (8 total)
- ❖ Pencil, eraser, blue or black pen, red pen, ruler, highlighters.
- ❖ Scientific Calculator
- ❖ Whiteboard dry erase marker
- ❖ 120 pg 1 Subject Notebook

Course Topics:

- Unit 0: Review of Prior Learning
- Unit 1: Financial Literacy
- Unit 2: Measurement & Conversions
- Unit 3: Surface Area and Volume
- Unit 4: Graphs and Relations
- Unit 5: Trigonometry
- Unit 6: Probability
- Unit 7: Central Tendency

Policies & Expectations:

PUNCTUALITY: Please arrive before the bell so that you have time to prepare your materials for class.

1. First Offense = Warning
2. Second Offense = Detention
3. Third Offense = Phone call home

ATTENDANCE: Missing a day can quickly put you behind in your classwork. It is important that you attend all classes unless there is a reasonable personal or medical excuse. Please inform me well in advance if you know you will not be able to attend a lesson. It is YOUR responsibility to catch up on missed work if you are absent.

ILLNESS: DO NOT come to school if you experience any symptoms of illness. If you are experiencing any signs of illness, please inform me *right away* so that I can alert the proper authorities. This is for the health and safety of our class and everyone in our community.

CELLULAR DEVICES: Cell phones are to be turned off and stored in your backpack at all times during class, unless otherwise directed.

- First Week Offence = Warning
- After First Week = Confiscation
- Frequent Offences = Phone call home

FOOD/DRINK: Food and drink are NOT permitted in the classroom. Water in a re-sealable container is acceptable.

ASSIGNMENTS: Assignments are to be submitted by the specified due date. Extensions on assignments will be provided on a case-by-case basis. You must talk to me at least 24 hours before the due date in order to be given an extension.

ASSESSMENTS: Please do not miss unit test days. This is an incredible inconvenience for both you and me. Please inform me well in advance if you know that you will be unable to attend a test day.


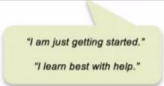
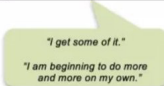

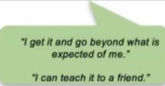
CHEATING/PLAGIARISM: No warnings. First offense will result in a phone call home and referral to office.

Assessment Practices:

You will be graded according to course specific learning standards and the proficiency scale indicated below.

To successfully pass the course your achievement must *surpass* an EMERGING level.

Your final grade will be determined by the accumulation of learning that you demonstrate throughout the course. Class activities, assignments, quizzes, and tests will inform your proficiency level.

PROFICIENCY LEVEL 			
Emerging	Developing	Proficient	Extending
•The student is beginning to demonstrate basic knowledge in relation to the learning standards •Works with ongoing support	•The student demonstrates some knowledge in relation to the learning standards •Works with some support	•The student demonstrates good knowledge in relation to the learning standards •Works independently	•The student demonstrates knowledge beyond the learning standards •Works independently and can support the learning of others
			

Curriculum:

BIG IDEAS: The curricular “Big Ideas” in mathematics outline the overarching themes that students will explore and conceptualize. Students should expect to understand the following:

- ❖ Proportional reasoning is used to make sense of multiplicative relationships.
- ❖ 3D objects can be examined mathematically by measuring directly and indirectly length, surface area, and volume.
- ❖ Flexibility with number builds meaning, understanding, and confidence.
- ❖ Representing and analyzing data allows us to notice and wonder about relationships.

CURRICULAR COMPETENCIES: The curricular competencies are integrated through classroom activities and assignments. They highlight what students are expected to do throughout the course.

<p>Reasoning & Modeling</p> <p>✓ Explore, analyze, and apply mathematical ideas using reason, technology, and other tools.</p>	<p>Understanding & Solving</p> <p>✓ Develop, demonstrate and apply mathematical ideas through play, story, inquiry, and problem solving.</p>
<p>Communicating & Representing</p> <p>✓ Explain and justify mathematical ideas and decisions in many ways.</p>	<p>Connecting & Reflecting</p> <p>✓ Connect mathematical concepts to each other and to other personal interests.</p>

CONTENT COMPETENCIES: The content competencies are what students are expected to know by the end of the course.

- ❖ Types of income, income tax and other deductions.
- ❖ Line, bar, and circle graphs.
- ❖ Measurements and conversions.
- ❖ Surface area and volume of 3D shapes.
- ❖ Primary trigonometric ratios.
- ❖ Experimental probability.
- ❖ Central tendency.

Classroom Rules:

1. Treat others as you wish to be treated.
2. Be supportive by giving others your attention when they speak. Use your hand and wait your turn to speak.
3. Be encouraging of other students' thoughts, feelings, and ideas. Be inclusive of other students during group activities.
4. Use respectful language. Use English during class time.
5. Use constructive language when providing feedback or disagreeing with other peoples' opinions.
6. Work diligently on assignments and don't distract others when they are trying to focus on their work.
7. Come to class on time so that you don't disrupt the rest of the class.
8. Come to class prepared to participate in activities and be ready to contribute to discussions.
9. Hand in assignments on time.
10. Be respectful of your environment. Clean up after yourself.
11. Be accountable for your own learning. Ask for help when you need it.
12. Wash your hands and maintain appropriate hygiene.
13. Come to class with a positive attitude each day and be ready to step outside of your comfort zone.