

APPRENTICESHIP & WORKPLACE 10/11

Instructor: Mr. Suddi
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Room: Portable 2



Course Description: The *Apprenticeship & Workplace* pathway is designed to provide students with fundamental mathematical skills and knowledge to deal with mathematics in the real world. Many of you will be looking to enter into retail, or trades programs, and this course will be a necessary prerequisite. Topics include Rate of Change, graphing, Area and Volume, Trigonometry, Scale drawings, and Finance. This is a challenging and demanding course where the student must be **driven** and **self-motivated in order to succeed**.

Expectations: You are expected to come to class each day **on time** and **prepared**. Each day you will be expected to complete in-class notes as well as workbook assignments. Staying on top of your assignments, being an active participant during class time, and using your time efficiently will be a requirement to achieve success. Below are some of my policies:

Lates: It is rude and disruptive to be late. If you have good reason to be late, quietly come in and talk to me later about the reason for your tardiness. If you are chronically late you will be referred to the office and a phone call will be made home to your parents. No exits allowed in the first 10 or last 10 minutes of class.

Absences: If you are absent it is your responsibility to determine what you have missed, and catch up. Do not miss unit tests or quizzes. Quizzes will not be rewritten. Unit tests can be made up on a specified test make up day (TBD). All absences must be verified with a parental note (unless authorized by the office attendance record).

Technology: I have a strict **NO PHONE** policy. Your cellular device must be turned on silent and stored in your bag at all times, unless otherwise specified. If I see a phone I will take it for the remainder of the instructional day.

Food/Drinks: I do permit food/drinks in my classroom. Water is acceptable as long as it is in a sealable container. However if garbage is being left behind this privilege will be revoked.

Supplies: You must bring the following to class each day.

- ❖ Pencil/Eraser or pen, ruler, highlighters.
- ❖ Scientific Calculator
- ❖ Plenty of lined paper
- ❖ A dedicated Math binder
- ❖ Course Unit Notes/Workbook
- ❖ A Positive Attitude!

Course Details: This course will be different from math classes you may have had in the past. There will be a focus on collaborative learning and problem solving. You will be expected to be an active member of the class by participating in class discussions and contributing to the solutions of group activities. This course will follow the general routine outlined below:

- **Lecture Days** – the instructor will explain concepts and students will complete problems in their individual student note packages
- **Group Activities** – students will work in small groups to discuss problems and solidify understanding.
- **Daily Quizzes** – each day students will be quizzed on their knowledge of the previous day's material.
- **Unit Review Days** – the day before each unit test will be a dedicated study day.
- **Unit Test Days** – at the end of each unit, students will be assessed on their understanding of the concepts covered.

Grade Distribution: Your term and final mark will be determined as follows,

<u>Term Mark</u>	<u>Final Mark</u>
Chapter Tests = 80%	Term 1 & 2 = 65%
Quizzes = 10%	Final Exam = 35%
Homework = 10%	

Topics of Study:

Workplace 10/11:

Unit 0 – Review Prior Knowledge
Unit 1 – Financial Literacy
Unit 2- Measurement and Conversion
Unit 3 – Surface Area, Volume & Capacity
Unit 4- Graphs and Relations
Unit 5 – Central Tendency
Unit 6 – Probability
Unit 7- Trigonometry

Unit 1B- Slope Rate and Change
Unit 2B- Graphical Representations
Unit 3B- Surface Area, Volume and Capacity
Unit 4B- Trigonometry of Right Angles
Unit 5B- Scale Representations
Unit 6B- Financial Services
Unit 7B- Personal Budgets

Homework is assigned everyday. Students are responsible for self-marking their work and are encouraged to seek assistance every class on questions they may have struggled with.

Final words: Please take this course seriously, and try to give your best effort at all times. Historically, students who stay on top of their work get a lot out of this class. Those who are disorganized and slack struggle to maintain pace with the course and do not succeed.

Do not be afraid to ask questions and seek help when you need it. I am here to support you in any way that I can – all you have to do is ask!