**Teacher: Bandali email:** **abandali@sd59.bc.ca**

**Room: \_\_\_\_\_\_\_ Phone:** 250-782-5585

**Text: Apprenticeship and Workplace Mathematics 11 Workbook Book #\_\_\_\_\_\_\_\_\_\_\_**

Welcome to Workplace Math 11! Over the next 2 ½ months, we will explore a variety of aspects of math and the applications of math in real-life.

By the end of this course, you will have developed an important foundation of skills, attitudes, knowledge and respect towards the field of math.

**Class Website**: <https://learnwithmissbandali.weebly.com/>

**Class Expectations:**

**Attendance→** Regular attendance is **key** to success in Workplace Math 11. If, for whatever reason you are away, **YOU** are responsible to get any notes, handouts, and/or information missed. Additional copies can be found in the front folder box, or from the website ([www.learnwithmissbandali.weebly.com](http://www.learnwithmissbandali.weebly.com)).

**Homework & Assignments→** Although time will be given to complete most assignments in class; some assignments will require time out of the class to finish. When homework is assigned, it is due the next day at the **beginning of the class.** All work to be handed in must be **clearly labeled with name**, **date**, **block**, **subject,** and **assignment information**.

**Cellphone Policy:** when cellphones are not being used for class activities

* 1st offence: You will get a warning to put your cellphone away
* 2nd offence: Your cellphone will be placed in the phone hotel for the rest of the block
* 3rd offence: Your cellphone will be sent to the office for the rest of the day

**Safety→** As with any lab-based course, safety is of the utmost importance. Every student is responsible for their own safety and the safety of all others in the class. Unsafe behavior during lab time will result in an immediate zero for that lab, referral to the office and a tedious safety assignment to be completed before re-entry to the lab is permitted.

**Required Materials**: Have these with you every day, as they will not be provided.

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| * Binder with loose-leaf paper
* Duo-tang
* Graph paper
 | * Pens of various colors
* Pencils
* Ruler
* Eraser
 | * Scientific Calculator
* Geometry kit (protractor)
* Well rested and inquisitive mind
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**Quizzes & Tests**

Quizzes and tests will be taken at regular intervals throughout the course. Please be on time as extra time will not be given. Please have all necessary material with you when you are scheduled to write the quiz/test.

**Extra help**Extra help may be available; more details to be announced later.

Math can be a very rewarding course if you engage in it. You need to be an active member of class, involve yourself in discussions, ask questions to clarify, and extend your learning.

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| **Topics:**\*1. **financial literacy:** personal investments, loans, and budgeting
2. **rate of change**
3. how probability and statistics are used in different **contexts**
4. **interpreting graphs** in society
5. **3D objects:** angles, views, and scale diagrams

\*Important Notes:* The topics will be covered in various degrees of detail over the course
* The topics may not be covered in the order listed above.
 | **Big Ideas:**Note: these times are approximate and subject to change.Note: these times are approximate and subject to change.* **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 numbers builds meaning, **understanding**, and confidence.
* Representing and analyzing dataallows us to **notice and** **wonder** about relationships
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| **Course Evaluation:** |
| **Labs** | **40 %** |
| **Assignments** | **40 %** |
| **Quizzes** | **20 %** |
| **Total** | **100%** |

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**Acknowledgement of receipt and review**

I,  first and last name , acknowledge that I have read and understood the course outline. I also understand that the course outline may be revised or changed with or without notice.

Please sign below

Date: Student Signature:

Date: Parent/Guardian Signature:

This course outline needs to be returned by: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_