

MATERIAL COVERED

The Math 10 Essentials course is divided into three main sections:

Wages & Banking

- Wages, Salaries & Expenses
- Personal Banking

Making Informed Consumer Choices

- Spreadsheets
- Shopping Wisely

Measurement, Geometry, & Statistics

- Measurement, Scale, Geometry & Trigonometry
- Sampling

TEXTBOOK

The course uses the following:

Essentials of Mathematics 10

(ISBN 0-7726-4675-9, BC Ministry of Education)

GRADING

This course works on a mastery system. You must pass the mastery tests in each unit to the 80% level before you can go on. In addition, there are cumulative tests from time to time. These are tests you can take only once, so studying before them is essential to do well. Your final mark for the course is based 60% on mastery tests and 40% on cumulative tests.

GOAL

The goal of this unit is to increase your skills working with wages, salaries and expenses.

OBJECTIVES

While completing this unit you will investigate the following topics and practice working with

- Budgeting income and expenses.
- Calculating gross pay.
- Keeping track of time worked.
- Calculating payroll deductions.
- Calculating changes to amounts earned.

WHAT TO DO IN THIS UNIT

- This Unit uses **Chapter 1** in the *Essentials of Mathematics 10* textbook.
- Read and follow the example problems at the beginning of each section, then do the practice problems on the pages in the table below. Be sure to tick off each section as you complete it.

| Essentials of Mathematics 10 | | |
|------------------------------|-------------|---|
| ✓ | Exploration | Practice by doing these Notebook Assignment questions |
| | 2 | p.22 #2,3 |
| | 3 | p.26 #1-13 |
| | 4 | p.34 #1-11 |
| | 5 | p.40 #1-12 |
| | 6 | p.62 #1-7 |
| | 8 | p.73 #1-15 |

- When you are ready, ask your teacher for the Unit 1 Test. Remember, you must get 80% to pass, so studying hard is essential to do well.