**Geometry, Measurement and Finance 10 Course Outline**

**Teacher**: Miss K. Henderson (kathryn.henderson@nbed.nb.ca) SSHS Room: 326

**Text**: Math Works 10: N.B. Ed. (Replacement cost: $65 + tax)

**Course Website:** sugarloaf.nbed.nb.ca/teacher/miss-henderson

**Online Version of Text:**

* http://pacificedpress.ca/files/books/MW10-NB-SR/index.html
* The password is **piR^2** (case sensitive)

**Marking Scheme:**

* Tests….35%
* Assignments & Portfolio….25%
* Quizzes….20%
* Exam…20%

Pass Mark**:** 60% on the final course mark in June

**Materials:**

Binder (dedicated to Math)

Loose Leaf

Pencils

Scientific Calculator

**Classroom Expectations**

* Students are responsible for obtaining any work covered (including homework) during absences.
* Cell phone policy: Cell phone will be confiscated for:
  + Strike 1: Period
  + Strike 2: Day
  + Strike 3: Parents/Guardians must retrieve
* Tardy policy:
  + After 3 tardies, the student will make up the time with the teacher (break/lunch). If tardiness continues, the classroom teacher will contact home and issue a noon-hour detention. If the tardiness still persists, the administration will become involved.
* It is expected that students will spend time on math homework every night: either reviewing the concepts learned or doing assigned work. Each class builds on the previous ones, so do not fall behind.
* Extra help is available by request at lunch time or after school. Extra help may be requested only after the student has attempted all assigned problems, read all of the relevant material, and then tried all problems again. Math is not a passive subject, you cannot learn by watching, only by doing!
* Missed Tests: A signed note will be required for all students missing a test. So that additional class time is not lost by the student, make-up tests will be written during lunch or after school.
* Quiz: If you are absent the day of the quiz unexcused you will receive a grade of zero! If excused, you will be exempt from that quiz.

\*\*\*\*\* Subject to Change\*\*\*\*\*

* Late Assignments: You have a three day grace period:
  + 1st day late you will lose 10%
  + 2nd day late you will lose 20%
  + 3rd day late you will lost 30%

**\*Late assignments will not be accepted once graded and passed back!**

**List of Topics**

**Measurement**

* SI and Imperial Units
  + Converting between units
  + Word Problems
    - Linear
    - 2D (area)
    - 3D (volume)

**Geometry**

* Trigonometry
  + Pythagorean Theorem
  + Trigonometric Ratios
* Parallel and Perpendicular Lines
  + Angle Theorems

**Finance**

* Income
* Compound versus Simple Interest
* Financial Institution Services
* Credit Options