

Essential Math 40S Opening Day Handout

Welcome to this Grade 12 Essential Math class. Your instructor's name is **Bheesham Dabie**. My e-mail address is **bdabie@wsd1.org**. The class blog address is <http://blogs.winnipegsd.ca/bdabie/>

The following are the materials that you will require:

- ❑ a 3 ring binder
- ❑ some loose-leaf paper
- ❑ a pen and/or a pencil
- ❑ a *scientific* calculator (NOT a cell phone calculator)

The following are the materials which will be provided for you (yours to keep):

- unit printed on sheets (including answer keys)
- other supplementary sheets as needed

Your mark will be calculated as follows:

- ✓ 55% for Unit Tests
- ✓ 25% for Assignments
- ✓ 20% for Provincial Final Exam

Daily Schedule

- 11:00 a.m. – 11:55 a.m.
- A class is made up of any mixture of: new instruction, homework review, and/or work time. Feel free to work on homework with other members of the class.

Attendance

- Attendance is critical to your success in this course, and any course.
- If you are absent, call a member of the class, find out what you missed. Get your notes up to date **as soon as possible**.
- Do **not** call the school to report your absence for an ordinary class – just call on test days. See below.

Late Assignments

Any assignments (or similar marked work) should be submitted by the due date. An assignment that is submitted unreasonably late may not be graded.

Tests

Tests are the main mode of evaluation in this course. **Missing a test is serious**. You **will** receive a mark of zero on any missed test unless you have informed Bheesham **in advance** that you will be absent for the test. There are no 'make-up' tests.

Three Important School Policies

Attendance

Daily Attendance is directly linked to student success. Students are expected to attend **all** classes and keep up to date with all coursework. Your education is your responsibility.

The following steps will be taken to address poor attendance:

- informal meeting with teacher
- Plan for Success contract prepared with administration
- withdrawal from class and/or school

*WAEC reserves the right to review each situation individually to determine the appropriate action.

Academic Honesty

The Staff at W.A.E.C. believe it is our job to teach students how to be honest researchers and users of information. **Plagiarism** means copying ideas, sentences, paragraphs and pictures you find on the Internet, in books or magazines, and submitting them as your own work. Any form of plagiarism is unacceptable.

The staff will take the following steps in dealing with instances of plagiarism. These are cross curricular:

- First incidence: conversation with teacher and opportunity to re-do assignment. Formal documentation will be added to student file.
- Second incidence: a mark of zero on the assignment, meeting with administration
- Third incidence: loss of credit

*WAEC reserves the right to review each situation individually to determine the appropriate action.

Respectful Environment

WAEC implements a progressive discipline strategy to support students. If a student is in violation of the school Code of Conduct, they will be dealt with as follows:

- First incident: informal discussion with teacher
- Second incident: formal meeting with teacher and administration with a written warning and Success Contract to be drawn out together
- Third incident: withdrawal from school

*WAEC reserves the right to review each situation individually to determine the appropriate action.

Essential Math 40S Course Outline

Grade 12 Essential Math (40S) is intended for students whose post-secondary planning does not include a focus on mathematics and science-related field. It consists of topics emphasizing consumer applications, problem solving, decision making, and spatial sense.

Unit	Time (Approximate)	Description
Home Finance	3 weeks	<ul style="list-style-type: none">• Mortgages & Mortgage Schedules• Property Insurance• Property Taxes• Gross Debt Service Ratio• Other Costs / Factors to Owning a Home
Vehicle Finance	3 weeks	<ul style="list-style-type: none">• Fuel Economy• Vehicle Maintenance• Insuring a Vehicle• Buying a Vehicle• Leasing a Vehicle
Geometry and Trigonometry	3 weeks	<ul style="list-style-type: none">• Triangle Definitions and 180° Rule• Sine Law• Cosine Law• Quadrilaterals• Regular Polygons
Statistics	2 weeks	<ul style="list-style-type: none">• Measures of Central Tendency• Trimmed Means• Weighted Means• Percentile Ranking
Precision Measurement	3 weeks	<ul style="list-style-type: none">• Precision• Uncertainty• Accuracy• Tolerance
Probability	2 weeks	<ul style="list-style-type: none">• Probability Applications• Expected Value• Odds

Study Sheet:

For tests and exam: You may bring **one 8½" × 11" sheet of paper** (study sheet) that includes any information that you have deemed important. You may write on both sides of the paper and the information may be handwritten or typed (in any size font).

Attention Essential Math Student!

This class has a blog (website) that you can reference for class information, and resources for the course. The address is:

<http://blogs.winnipegssd.ca/bdabie/>

You can reach your teacher by e-mail either

Bheesham's Contact Info:

E-mail: bdabie@wsd1.org

Blog <http://blogs.winnipegssd.ca/bdabie/>

School Phone: 204-947-1674

Please keep this sheet for reference!