DAVID THOMPSON SECONDARY SCHOOL
Foundations of Mathematics and Pre-Calculus
MATH 11

INSTRUCTOR: Mr. P. Chan
room: portable 1

Equipment and supplies required:
-pencil, pen, eraser, protractor, binder and lined paper
-calculator...no sharing on quizzes and tests…a graphing calculator is not required
-textbook: Precalculus 11   (for purchase)

FINAL LETTER GRADE:

A	over 86%
B	73 to 85%
C+	67 to 72%
C	60 to 66%
C-	50 to 59%
F	below 50%

ATTENDANCE: you are expected to attend class on time every period
-if you are not in class on a test day, expect a phone call home
-if you will be absent for a test, please bring a note from a parent/guardian and email me at pgchan@vsb.bc.ca to remind me, otherwise there will be no 'make-up' test.

EXTRA HELP: you can usually find me in portable 1 by 8:15 every day and after school
-you can also email me questions or set up and appointment to see me at pgchan@vsb.bc.ca . Other useful websites include http://www.khanacademy.org/

COURSE: **-**the course is divided into units. During each unit, students are expected to complete classwork and homework. Quizzes, in-class review, and test will be given throughout the unit

MARKS: marks are NOT cumulative (ie: marks for term 1 are not included in calculating your mark for term 2). There will be a midterm exam in January. The midterm exam is worth the 10% of the final mark. .

Each unit:	homework:	15%
	review:	15%
	unit test/quizzes	70%

final letter grade:	term 1:	30%
	term 2:	30%
	term 3:	30%
	midterm:	10%

PRECALCULUS 11 YEAR OUTLINE

UNIT 1: Factoring Quadratics

Unit 2: Quadratic Transformations
- forms: $y=x^2$, $y=ax^2$, $y=x^2+q$, $y=ax^2+q$
- vertex form: $y-a(x-p)^2+q$
- standard form: $y=ax^2+bx+c$

Unit 3: Solving Systems of Equations
- linear
- quadratic
- solve algebraically and graphically
- inequalities

Unit 4: Radicals
- operations
- add/subtract/multiply/divide
- solving radical equations

Unit 5: Rational Functions

Unit 6: Trigonometry
- non-right triangles
- sine and cosine law
- angles in standard position

Unit 7: Finance