

Mr. O'Boyle's (RM 312) Math with Applications Syllabus 2015-2016

This year-long course is designed to emphasize the study of Mathematics and its applications. This course expects students to solve problems, reason logically, communicate understanding, and make connections to the real world using the concepts from this course.

INSTRUCTIONAL PHILOSOPHY

I believe that all students can learn! Every student has different needs and it is up to the teacher to provide opportunities for all students to learn based on their own learning style both in the classroom and outside the classroom.

PRIMARY TEXTBOOK: **Thinking Mathematically** by Blitzer

REQUIRED MATERIALS FOR CLASS

- pencils & erasers
- ruler
- spiral notebook and graph paper
- scientific calculator (I would recommend TI-84 Plus)
- box of Kleenex (contribute to class supply)

ASSESSMENT/GRADES - My goal will be to make math fun and relevant. What you need to do is to participate during class time and make sure you do all of the assignments. Research shows that students need to reflect on their own learning in order to retain what they have learned.

Grading will be based on whether you have learned the state standards in math. If you are having trouble with a particular standard you will be given the opportunity to re-take the assessment that measured that particular standard. .

- **Homework/Notebook (30%)**
- **Quizzes (20%)**
- **Module Tests (50%)**

TESTS/QUIZZES

Tests and quizzes will count for the majority of your grade since the exam will let you know whether you really understand the material or not. If you do not do well on the exam then you did **not learn** the material. The exam will be divided into parts based on the state standards. If you do poorly on a particular standard then you will be given the opportunity to re-test that particular part of the exam after completing a reflection on the original assessment.

GRADING SCALE

A: 90-100 **B+:** 85-89 **B:** 80-84 **C+:** 75-79 **C:** 70-74 **D+:** 65-69 **D:** 60-64 **F:** below 60

COMMUNICATION: The best way to contact me is by email: tim.oboyle@vansd.org. I am also available on many days before or after school during office hours.

PLEASE FILL OUT THIS FORM AND RETURN TO Mr. O'Boyle:

*I have read and I understand the **syllabus** and the **expectations** for this class...*

Student Name: _____

Student Signature _____

Parent/Guardian Name: _____

Parent/Guardian Signature _____

Email (Parent): *please print clearly!* _____

My student has consistent access to a computer at home _____ YES _____ NO

My student has consistent access to internet at home _____ YES _____ NO

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