

Temima High School
2011 - 2012 Course Syllabus

Subject: Applied Problem Solving
Teacher: Mr. Covert
Text: Algebra: Concepts and Applications

Course description: Following the outline of the main text in which there are eleven chapters, we will use approximately three weeks for each chapter. We will cover the main topics of Pre-Algebra and some topics of Algebra I, including but not limited to: the four processes with fractions, decimals, whole and mixed numbers, percents - including percent increase and percent decrease, measurement, working with equations (solving for 'x') and functions and some geometric topics - area, perimeter and volume.

The basis for these classes will be presentation, discussion, and class work - both group and individual. There will be tests and quizzes periodically throughout each section of the course. Homework will be given throughout the year. It is expected to be done by each student individually, (i.e. no group homework assignments).

Materials: Each Student will need a notebook dedicated to the subject. This will have three sections: class notes, homework, and tests/quizzes. A graphing calculator will also be mandatory throughout the course and should be in class with you every day - this should be a TI-83+ or better. You will also need pencils and normal size notebook paper for class work and homework assignments. Each student will also need graphing paper (4 quadrilles per inch).

Grading: We will follow the grading schedule as outlined in the parent/student handbook with the following additions. Each homework, quiz, test, or exam will be worth 100 points; the grade for each will be the percentage of correct information. The final grade will be determined by the average of all assignments, quizzes, tests and exams; homework will count 25%, class work and participation will count 20%, tests/quizzes will count 35%, and the final exam will count 20%.

Homework assignments are due when the bell for the beginning of class rings. Late assignments will be graded at a 25% discount. Assignments from an excused absence will be given full credit if handed in on the next school day following the student's return to school. You should contact me in advance if you know you will be absent in order to make arrangements for any missing work. If you are absent when a test or quiz is given, you must meet with me on the day that you return to school or contact me via email or phone to reschedule the quiz/test that you missed.

If you get stuck when working on a homework problem, you are supposed to seek out help from other students, teachers, parents, etc. or from me. The key is that you learn the material in the process. When you write your solutions, you should not have to refer to another's papers or notes. Never write anything on your paper that you do not understand.

Please feel encouraged to schedule a meeting with me when you need additional assistance. Do not wait until the last minute to make your appointment, however, as my availability may be limited. You need to prepare for extra help times: hand-copy notes from another student when you have been absent; try to do the homework using the textbook; make a list of questions that you would like answered. You may e-mail me with questions at jcovert@temima.org. You may also call me at home 770.908.1066 between 7:30 and 9:00 PM.

You may also receive Math help from Mrs. Limor, in her office on the following days: Mon. 5th period, Wed. 8th period, or Thu. 7th period. This is a useful resource and I encourage you to take advantage of it.

All school rules as outlined in the Student Handbook will be expected and maintained at all times.

Mr. Covert

Student Signature

Parent Signature

Date