VENTURA HIGH EXPECTED CLASSROOM LEARNING RESULTS (ECLRs)

COURSE: ALGEBRA 1B

PROGRAM AREA: MATHEMATICS	**TEACHER: MRS. JENNIFER EGGERTSEN**
DEPARTMENT GOAL STATEMENT: Students will master the major concepts and skills of algebraic mathematics: linear and quadratic functions and graphs, exponents, polynomials, rational functions and geometric connections. Students will reason, invent, and construct knowledge in order to achieve a level of understanding that enables to know how, why and when to apply their mathematical learning.	

PRIMARY ESLR
B2. Develop solutions to problems based on justifiable rationale.
B3. Combine and apply higher order thinking skills to processes and competencies.

COURSE DESCRIPTION	Algebra 1 is where mathematics starts to get serious. Letters start replacing numbers and we explore what we can and cannot do with those letters, and why. We also look at real life problems and find their solutions using the algebraic methods presented. Algebra 1B is the second semester of the Algebra 1 curriculum, spread over the course of a whole year. It allows students to slow down and absorb the material that had been traditionally very fast-paced and abstract compared to Pre-Algebra. It also allows time for intervention in weak areas. Many students are shocked and overwhelmed in Algebra 1 and therefore struggle through the program. The Algebra 1 over two years program (1A/1B sequence) is designed to address and remedy the problem.
TEACHER STATEMENT:	Welcome to high school Mathematics. My goal as a teacher is more than just teach the material. It has to make sense to you. Not only will we learn many math related topics, but also we will also to learn to enjoy mathematics. Come and see me in room 61 before, during and after school any day if you have any questions, or just want to talk, complain or vent.
GOALS OF THE COURSE	By the end of the course, students will be able to: • Manipulate numbers and letters using the usual operations. • Factor, simplify expand and solve polynomials, rational expressions and exponential functions. • Graph functions and find solutions graphically.
READING/WRITING COMPONENTS	• Some assignments will require students to explain in writing how they got their answers. • Some assignments will be in the form of word problems. Students will need to read and understand the problems in order to translate them to mathematical terms and solve them. • Students will be expected to use proper sentence structure in their written work.
MATERIAL/RESOURCES	Textbook: Algebra 1, Mc Dougal Littell See "Supply List"

CLASS RULES	**ACTIONS OR BEHAVIOR THAT INTERFERES WITH OTHERS' RIGHT TO LEARN WILL NOT BE TOLERATED.** **STUDENTS WILL RESPECT EQUIPMENT, PEER, AND TEACHERS.** **STUDENTS ARE EXPECTED TO WORK AND STUDY THE ENTIRE CLASS PERIOD.**
CLASS ATTENDANCE	(See Attendance Policy in Student Handbook.) Regular attendance is essential. Cuts, truancy, suspensions and removal from class will adversely affect student's grade.
CLASS HOMEWORK POLICY	Each homework is worth 10 points. Homework will be assigned nearly every day, including most weekends. Homework will be corrected daily by the student and credit will be given for homework on the day due. Late work will only be accepted if it is from an excused absence. You are responsible to get any missed work upon return.
METHODS OF EVALUATION	Homework, classwork = 30% Test and quizzes 70% Test will announced at least 2 days before the test date. Makeup test due to excused absence will be made up at a time we agree on. Quiz will be given frequently and may be given unannounced.
SPECIAL PROJECT DUE:	Several projects will be assigned during the year. Some will be individual; others will require the efforts of several students to complete as a group.
GENERAL DIRECTIONS FOR ASSIGNMENTS IN THE TEXTBOOK:	• Work in pencil only. Work done in pen will not be accepted. No exceptions. • Be neat. • Write a full heading: First and last name, period, date, and assignment label. • 3 parts to homework: Problem, Solution and Boxed Answer. • You will get some credit for trying, even if the answer may not be correct.