

**VENTURA HIGH SCHOOL EXPECTED CLASSROOM LEARNING RESULTS
(ECLRs)**

COURSE: ALGEBRA IB

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| PROGRAM AREA: MATHEMATICS | Teacher: Mr. Biller Phone: 641-5116 ext 1159 Email: preston.biller@venturausd.org |
| DEPARTMENT GOAL STATEMENT: Students will master the major concepts and skills of mathematics: number, measurement, geometry, patterns and functions, statistics and probability, logic and algebra. Students will reason, invent, and construct knowledge in order to achieve a level of understanding that enables them 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. | |
| <u>COURSE DESCRIPTION</u> | Algebra IB is the second year of a two-year class covering the Algebra I curriculum. Many topics introduced in prior math classes will be revisited, with an emphasis on mastering the basics. The objectives of the course are to discover and justify algebraic principles; to develop a mathematical vocabulary; to analyze real world problem situations; to express quantitative relationships algebraically in the form of one or more equations; to solve equations algebraically and graphically; and to check answers. “C” or higher in both Algebra IA & IB meets the California graduation requirement for Algebra I. UC/CSU Accepted |
| <u>TEACHER STATEMENT</u> | Welcome to math! My goal as a teacher is to help you to be successful in life. I will do my part by providing knowledge, help, guidance, and encouragement. It is up to you to put in the time and effort. Please seek assistance if you begin to struggle. Each day builds upon the day before. It only gets worse if you wait. I will give you my best effort, so please give me yours. |
| <u>GOALS OF THE COURSE</u> | Students will develop their logic and reasoning skills while learning the foundations and applications of Algebra through individual and small group work. |
| <u>READING/WRITING COMPONENTS</u> | Students will be required to read their textbooks, including directions, explanations and examples. Students will be required to learn the related mathematical vocabulary. Students will be required to read and take notes from the overhead and white board. Students will write throughout the year for homework, class work, and exams. |
| <u>MATERIAL/RESOURCES</u> | Text: <u>ALGEBRA I: Applications, Equations and Graphs</u> , McDougal Littell. Worksheets Teacher-created supplemental materials The Internet Each student is required to bring the following materials to class: <ul style="list-style-type: none"> • A three-ring binder with lined paper and graph paper • Several pencils and an eraser |
| <u>CLASS RULES</u> | <ol style="list-style-type: none"> 1. <u>FOLLOW ALL SCHOOL RULES</u> 2. <u>ALWAYS SHOW RESPECT</u> 3. <u>COME PREPARED TO LEARN</u> 4. <u>ASK PERMISSION</u> 5. <u>BE IN YOUR SEAT BEFORE THE BELL RINGS</u> 6. <u>NO IPODS, CELL PHONES (OTHER ELECTRONICS), FOOD, DRINKS, OR GUM.</u> <p>Note: I use the 3-strikes Rule. Failure to follow the class rules will result in 1) a warning and/or detention; 2) a parent phone call, conference, and/or detention; 3) a referral.</p> |

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| <p><u>CLASS ATTENDANCE</u></p> | <p>Class attendance policy follows the VHS attendance policy - see student handbook. Good attendance is required to succeed in this course.</p> <p>If you are absent, you are responsible for making up any class work, homework, tests, and quizzes. You are to turn in any missed assignments within the number of days you were absent. Homework that was due the day you were absent if due the day you return to class. It is your responsibility to get all notes from a classmate or see me after class. If you miss a test or quiz, you can make it up by appointment before or after school, or during lunch. You have one week to make up a missed quiz or test.</p> |
| <p><u>CLASSWORK HOMEWORK POLICY</u></p> | <p>Homework will be assigned nearly every day, including weekends. Most days, homework is started and sometimes even finished in the classroom. Homework is due and will be corrected the following day. Students will also be expected to take part in showing how to do problems and explaining their reasoning to their classmates.</p> |
| <p><u>METHODS OF EVALUATION</u></p> | <p>Your grade is based on the total number of points earned for all tests, quizzes, assignments, warm-ups, notebook and participation.</p> <p>All letter grades will be based on the following scale: A = 90% or above B = 80% to 89% C = 70% to 79% D = 60% to 69% F = 59% or below</p> <p>Homework, class work, warm-ups, participation = 30% Tests / Quizzes = 70%</p> <p>Tests – Each semester there will be several tests based on the subject matter covered. All tests will be designed so they can be completed during one class period. Make up tests are available to those with excused absences and must be complete within one week of the original test.</p> <p>Quizzes – Regular quizzes will be given based on class work and homework assignments. During quizzes, you will be able to use your notes. So please take good notes.</p> <p>Homework – Each homework assignment will be worth up to three (3) points. Each problem must be attempted, clearly written with the answer clearly marked, and include logical steps with all work shown.</p> <p>Participation – If you do not participate in class you will not receive full credit for any class work completed that day.</p> <p>Binder – You will be required to maintain a binder specifically for Algebra 1A and bring it to class daily. Your binder should include class notes, warm ups, homework, classwork, and your tests/quizzes. Binders are to be complete and clearly written. They will be reviewed regularly.</p> <p><u>NO EXTRA CREDIT WILL BE GIVEN.</u></p> |
| <p><u>GENERAL DIRECTIONS FOR ASSIGNMENTS IN TEXTBOOK:</u></p> | <ul style="list-style-type: none"> • Keep all assignments in your binder. Each assignment must be done on a separate loose paper. • Label all assignments with your name, date, period, and assignment number in the upper right hand corner. • Do your work in pencil only. • Show all work. You will get some credit for trying, even if the answer may not be correct. • Box or circle your final answer. |