

CENTRAL VALLEY CHRISTIAN SCHOOL
CLASSROOM MANAGEMENT PLAN

Name: Mr. Philip B. Byrd
Class: Algebra 2

Date: 2011-2012
Grade Level: 10th – 12th

I. THE MATH PROGRAM

A. Philosophy

Galileo once said, "Mathematics is the language by which God created the universe." If we want to attempt to understand the structure of God's creation and glorify God as Creator, then we must understand the language used to create the universe.

Revelation of God in nature involves ideas of number, form, symmetry, system and laws governing the existence and the harmonious working of all things. The concept of numbers and formulas plays a vital role in virtually all aspects of our world. In many fields of study, abstract ideas and symbols must be converted through the mathematical language to communicate information and rules. Thus the study of mathematics as a language has a far broader impact on a student's life than it may appear on the surface. In fact, it prepares students to communicate mathematically as well as master the art and science of abstraction – a skill that will serve them well in post-graduate studies and in a wide variety of careers. But more importantly, we need mathematicians who boldly confess, 'How great is the Creator who has made both the mind and nature so compatible!' (Kepler) We need mathematicians who see the universe, not as a mere mass of mechanistic and impersonal laws, but as the handiwork of God, and delight themselves therein.

B. Objectives

Math instruction in grades 9 - 12 helps students:

1. Develop an appreciation of and a positive attitude toward mathematics.
2. Understand the structure of mathematical systems--concepts, properties and processes.
3. Acquire mathematical facts and skills.
4. Express and interpret mathematical ideas and relationships.
5. Develop the mathematical reasoning abilities required in problem-solving and decision making situations.
6. Apply mathematics in personal, social technological, scientific and career settings.

II. GRADING

A. Semester Grades

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|---------------|-----|
| 1. Daily Work | 5% |
| 2. Projects | 10% |
| 3. Quizzes | 20% |
| 4. Tests | 45% |
| 5. Exam | 20% |

B. Daily

1. Daily work is worth 10 points.
2. Grading Work
 - a) 10 – Work in vertical columns of no more than two per side. The problem must be meticulously worked out below the problem and graphs must be carefully graphed, as well as producing a reasonable answer. If calculators are used, you must still show the process as well as accurate graphs. More than 90% of the problems were completed.
 - b) 8 – Same as above but assignment was between 90% and 75% completed.
 - c) 5 – Same as above but assignment was between 75% and 50% completed or several of the problems are not worked out but most of the problems were completed.
 - d) 0 – Directions were not followed or less than half the homework was completed or only answers were given.
3. Dropped Assignments – 3 per semester
4. Make-up work
 - a) Every day for an excused absence (sick, death, etc) you will receive one day to make up work, after that it will be a zero.
 - b) If you miss class because of a known excused absence (Doctors Appt, Family Trip, School Activities, etc), you will need to turn in that work the first day you return to class.
5. Late work – You will receive a zero for all late work.

C. Quizzes

1. Quizzes are worth 100 points.
2. Dropped Quizzes – 3 per semester
3. Make-up quizzes
 - a) **Quizzes will NOT be made up even if school activity.**
 - b) First three quizzes that are missed will be dropped quizzes, if no quiz is missed the three lowest quizzes are dropped.
 - c) If a student has missed more than three quizzes, that student's test average at the end of the semester will be substituted for those missing quizzes.
 - d) If a student misses a quiz because of an unexcused absence the student will be given a zero on that quiz.

D. Tests

1. Tests are worth 100 points
2. Make-up tests
 - a) A student that misses any test, because of an excused absence, will need to take the test the day they return or the next day or it will be a zero.
 - b) A student that will be missing a test, because of a doctors appointment, family trip, school activity, or any other planned absences will need to take that test prior to their absence or it will be a zero, even if one day notice or no notice is given. Unless there is an arrangement made between the teacher and the student, prior to the absence.
3. Any test that is lower than a 60% may be retaken for a max score of 60%. All retests must be completed one week after the original test was taken.

E. Projects

1. Projects will be graded using a grading rubric based on 100 points
2. Late Projects
 - a) A student is to send projects in with parents, other family members or friends the day it is due. If it is not turned in the day it is due, it is late. No excused absence will be allowed except extreme emergencies.
 - b) The student will lose 10 points from project grade for everyday it is late.
3. Copying another person's project will result in a zero.

III. CLASSROOM RULES

- A. Text Book should be cover. This will help maintain the condition of the book.
- B. Pencil (you will lose 10 points on a test or quiz and 5 points on HW, if pencil is not used).
- C. Use graph paper only for HW (you will lose 5 points on homework, if proper paper is not used).
- D. Show Work (All work must be shown otherwise it could be a zero).
- E. Tardies to class (**Definition: Not in your seat or close proximity when the bell chimes**)
Note: Walking in the door just as the bell begins to chime or while it is chiming will be a tardy.
- F. A student will be given a grace of two tardies per quarter. After that, detentions will be given according to the school policy.

IV. Guaranteed "C-" Contract – Contracts must be signed and returned within 1 week after the semester has started. Contracts are available on [online](http://home.cvc.org/math/alg2/contract.pdf) at <http://home.cvc.org/math/alg2/contract.pdf> or by request.

V. Come Prepared

- A. Graphing calculators are required. Students may NOT borrow calculators from classmates. Students may rent a calculator from the teacher for the period for \$1.00.
- B. Pencils must be used for all work. A pencil may be purchased from the teacher for \$0.50.