



Sequoia Charter School
Course Syllabus – 8th Grade Pre-Algebra

Course Information

Period: 1,2,4,5,6
Class Location: BLDG C Room 205
E-Mail: kkoehler@edkey.org

Teacher Information

Name: Kathy Koehler
Phone: 480-649-7737 ext. 10205
Office Hours: Before and after school

Course Description:

This course is designed to help you improve your confidence in your math skills. We will explore math in a variety of ways. Pre-Algebra eases the transition from arithmetic to algebra and from numbers to variables. Algebraic expressions and linear equations are applied throughout a thorough review of operations on integers, fractions, decimals, percentages, and radicals. Students explore relations and functions using equations, tables, and graphs. We will also focus on abstract thinking and problem solving. The best way to be successful in 8th grade math is to come to class with a positive attitude and an open mind each day.

Course Competencies/ Learning Objectives

Students who successfully complete Senior Transitional Mathematics will be competent in the following areas:

- Make sense of problems and persevere in solving them
- Reason abstractly and quantitatively
- Model with mathematics
- Use appropriate tools strategically
- Approximate real numbers: perform real number operations
- Use radicals and integer exponents: connect proportional relationships and lines: solve systems of linear equations
- Define, evaluate, and compare functions: model relationships
- Understand congruence and similarity: apply the Pythagorean Theorem: apply volume formulas
- Analyze Bivariate data

Attendance

Attendance is vital to academic success. We expect students to attend school every day so that they will have the greatest opportunity to have a successful academic year. A student who has 10 absences (excused or unexcused) from a class within a semester may be withdrawn from the class. The student may lose the credit for that class, but may recover the credit by taking the class on-line or in a traditional class setting the following school year.

Online Grade Book

Did you know that you can access your child's grades and assignments? Parents and students should monitor grades regularly by accessing the online grade book, Powerschool. Parents will be assigned a confidential access code to Power School that will allow them to see your child's grades, assignments, and attendance in each class. To take advantage of this powerful tool, parents should go to <http://edkey.powerschool.com> and enter their ID and password. You can receive your ID and password from the front office.

Classroom Expectations

1. Arrive to class on time
2. Be on task – do not disrupt others in the class.
3. Respect others and their property
4. Come prepared
5. Refer to the student handbook
6. No electronic devices are to be used in class unless instructor gives permission for instructional purposes

Grades and Scale

Below 60% is considered "Incomplete." An "incomplete" signifies that a student has not mastered the essential standards or requirements of the course and must re-take it.

Weight scale

- Class participation / attendance 10%
- Homework: 10%
- Projects/Papers / labs: 30%
- Classwork: 25%
- Quizzes /Test: 25%

Tardy

Students are encouraged and expected to be in their class on time. A tardy is defined as "not being in an assigned seat when the bell rings". If a student is tardy six or more times in a five week period, he/she will be assigned to Behavior Intervention Program (BIP) by administration.

Suspensions

If a student is suspended, he/she may not make up the 'day to day' assignments. However, if there is a major test, project, or paper due during the suspension the student must still make up those assignments. Sequoia's late/missing work policy will be upheld for these assignments as well.

- Note: A student has the equal amount of days suspended to complete all missing assignments.

Class Requirements

- Spiral one subject notebook
- Graphing paper
- Pencil
- Pen
- Highlighter
- Folder
- Calculator TI – 30X IIS

Important: *If you are having trouble with this class, seek help immediately. If you wait till the end of the marking period, it most likely will be TOO LATE to receive the proper amount of help to influence your grade.*

Please go over this with your parents/guardians, as the student and the parent/guardian are required to sign and return before August 11, 2017.

The signature portion will be counted as a homework assignment, and there will be a quiz over the material.

-----Please cut along the line and return-----

My student _____ has gone through the Syllabus for Pre-Algebra. We are both aware of the expectations of the class.

Please Print Parent Name _____

Parent preferred contact method: Email Phone

- Email address: _____
- Phone number: _____

Parent Signature

Student Signature