

2020-2021 Pre-Algebra Syllabus

Mrs. Janice Weirick /mrs.jan@christianvictoryacademy.org /407-900-9427

My Office Hours: M-F 4-5 pm, All contact outside office hours will be returned within 24 hours.

If you wish to contact me during school hours, please send me an email, do not call or text.

CVA Vision and Mission

Vision: It is the Vision of CVA to equip each student with a quality Christian education firmly based in the Word of God, so that they are fully prepared to take the love of God into all the earth.

Mission: It is the Mission of CVA to educate our students, using biblically sound teachings, in order that they may impact their world for Christ. We do this by utilizing our hybrid program to make individualized education plans. This is accomplished through on-campus, online, and home education programs.

Welcome to Pre-Algebra!

Welcome to Pre-Algebra! This course provides the necessary foundations for students to be successful in later algebra courses.

Course Description

Primarily Used Text: Pre-Algebra Abeka

This course focuses on developing fluency with rational numbers and proportional relationships. Students will extend their elementary skills and begin to learn algebra concepts that serve as a transition into formal Algebra and Geometry.

Course Objectives

By the end of this course, students will be able to:

- Write and evaluate variable expressions.
- Use the order of operations
- Add, subtract, multiply and divide integers.
- Write rules for patterns.
- Graph points in the coordinate plane.
- Identify and use properties of addition and multiplication and the Distributive Property.
- Simplify expressions.
- Solve one-step equations and inequalities
- Round decimals
- Find mean, median, and mode of a set of data.
- Substitute into formulas.
- Convert metric and customary units.
- Use divisibility tests.
- Find the prime factorization of a number.
- Find the greatest common factor and least common multiples.
- Write fractions in simplest form.
- Simplify expressions with integer exponents.
- Write and evaluate numbers in scientific notation.
- Write fractions as decimals and write terminating and repeating decimals as fractions.
- Add, subtract, multiply, and divide fractions and mixed numbers.
- Solve proportions.
- Find probability and odds.
- Write percents as fractions and decimals and write decimals and fractions as percents.
- Find a part of a whole, a percent and a whole amount.

☆ Classroom Rules ☆

Refer to the CVA student handbook for a complete listing of school rules, policies, and procedures.

☆ Regular classroom rules apply: Respect your teacher and peers at all times, turn in all assignments in a timely fashion, come prepared, and ready for class.

☆ Keep class discussions both in the classroom and online respectful.

☆ Always remember we represent Christian Victory Academy at all times, but also remember that we are representatives of God, and we all always conduct ourselves accordingly.

☆ Special Rules ☆

All math work must be completed on 1/4in graph paper. No math assignments will be accepted on line paper.

Students should format their work by dividing their paper into 2 columns. One side will have their answers and the other side should show all of their work. This will be demonstrated in class on the first day.

This does not apply to essays and research projects unless otherwise noted.

☆ Course Materials ☆

Students are expected to have all the required materials when they come to class.

Plastic 2-pocket folder with prongs.	Pack of 1/4 in graph paper.	Pencils/Pens/Eraser
TI84 Plus CE Calculator	Ruler	Colored Pencils

▣ Grading ▣

✓ Tests/Quizzes: 50%

✓ There will be at least one test and quiz per unit.

- ***Important!*** Tests and Quizzes may be taken from any part of the unit including sidebar notes, vocabulary and handouts both physical and digital. The student is responsible for reading all the assigned material.

✓ Projects: 25%

✓ Special Projects

✓ Assignments: 25%

✓ Book Work ✓ Worksheets

Google Classroom

This year we will be using Google Classroom and it will be the central hub of all your assignments and other useful materials.

- ★-All Grades will be posted on Google Classroom★
- ★All assignments will be posted on Google Classroom★
- ★All announcements/handouts will be posted on Google Classroom★
- ★Google slides will be posted on Google Classroom★
- ★Videos will be posted on Google Classroom★

During our first class meeting, I will be giving you a guided tour of Google Classroom, in order to ensure that all students are able to sign up and get logged into the class. I will also teach you how to turn in assignments, view additional materials, and find your grades.

★Signing in to Google Classroom.

1. Go to classroom.google.com
2. Log in with your School Gmail account
3. Click the + sign at the top right-hand corner
4. Click "Join Class"
5. Type in the classroom code which I will give you on the first day of school.

Note: In the event of a student's absence it is the responsibility of the student to log in to Google Classroom to find the notes, outlines, videos, handouts, and assignments that they missed and complete all assigned work.