

Bridge to Algebra 1 A – Syllabus

RCAS Policies/Procedures

Students will be required to follow all RCAS policies and procedures. To view the RCAS High School Student Handbook, click [handbook](#).

Course Description

The purpose of this course is to provide the foundation for success in your future math courses. This is a comprehensive course, which requires skills that have been learned in previous years. This course focuses on four critical areas: 1) adding, subtracting, multiplying, and dividing rational numbers; 2) analyzing proportional relationships and using expressions and equations; 3) using sampling to draw inferences about a population; and 4) solving problems involving angle measure, area, surface area, and volume. In this class you will learn math from a blended approach. Blended learning includes online content and instruction with traditional classroom teaching.

Course Learning Outcomes

- **Chapter 1 The Language of Algebra**
CLO: Students will be able to apply and extend previous understanding of operations with fractions to add, subtract, multiply, and divide rational numbers.
- **Chapter 2 Operations with Integers**
CLO: Students will know that there are numbers that are not rational and approximate them by rational numbers.
- **Chapter 3 Operations with Rational Numbers**
CLO: Students will know radicals and integer exponents.
- **Chapter 4 Powers and Roots**
CLO: Students will be able to analyze proportional relationships and use them to solve real-world and mathematical problems.
- **Chapter 5 Ratio, Proportion, and Similar Figures**
CLO: Students will be able to use properties of operations to generate equivalent expressions.

Classroom Expectations

Don't do anything that causes anybody else a problem.

BE RESPECTFUL- Making safe choices by being kind to self and others to empower all.

BE PRESENT- Being here and being aware of yourself and your surroundings focused on the here and now.

BE COURAGEOUS- Taking appropriate risks, persevering, doing what is right, even if it is uncomfortable or unpopular.

Grading

Grades will be comprised of three categories, assignments (10%), Quizzes (10%), and Tests (80%). All graded material will be done on paper and handed in to receive a grade. Quizzes and Tests must be completed in my classroom unless prior arrangements have been made. Students may use Advisory, before school, or after school to finish any quizzes or tests not completed in class.

All learners will be graded on mastery of assessments. If a learning did poorly the first time, they will be allowed to relearn the material and try again.

The grading scale we will be using is the one approved by the school board: A 100% - 90%, B 89% - 80%, C 79% - 70%, D 69% - 60%, F below 60%.

Textbook

Glencoe Math Accelerated

Instructional Resources

Textbook: Glencoe Math Accelerated

Online Resources available on Canvas.