

**Course Name:** Targeted Algebra

**Duration:**  1 Semester  Full Year

**Grade Level:**  9th  10th  11th  12th (check all that apply)

### Are there any prerequisites for the course?

This course requires an IEP, Case Manager approval.

### WHAT this course is about:

You will develop the ability to explore and solve mathematical problems, think critically, work cooperatively with others and communicate your ideas clearly as you work through a variety of mathematical concepts and algebraic procedures.

### WHY take this course:

Algebra is an essential foundational course to all other math classes you will take in high school and beyond.

### WHAT you'll learn:

- Algebraic vocabulary
- Application of pre-algebra skills (fractions, percents, rounding, order of operations, average)
- Evaluating expressions
- Solving equations
- Investigating function characteristics (Linear, Quadratic, Exponential)
- Representing functions as tables, graphs, equations
- Using a graphing calculator
- Applying algebra to real life problems

### WHAT you'll do:

You will explore the basic concepts and methods of Algebra through individual and interactive class activities. We will demonstrate the connection of Algebra to the world that surrounds you.

### WHERE this could take you:

Algebra provides a wonderful space to develop key thinking skills that will benefit you in your future. The ability to apply defined rules of logic to solve problems will expand your ability to think critically and rationally. This will prepare you for success in a wide range of future opportunities.

### OPTIONAL Course Outline ("scope and sequence", sequence chart, etc.)

Click or tap here to enter text.