



South Windsor High School
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South Windsor, CT 06074
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2023 - 2024 COURSE EXPECTATIONS

Course Name:	Algebra I
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Teacher Name	Email/Phone	Teacher Name	Email/Phone
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Course Overview:

This course will provide opportunities for students to learn the basic concepts and skills of algebra. The work with linear expressions and sentences is enhanced through the use of statistics and geometry. Algebraic fractions, functions, and the use of sets provide a basis for work with probability. There is a stress on graphing and applications. Students will apply the four fundamental operations to algebraic expressions to develop skills in writing, solving, and graphing open sentences. Throughout the course, data analysis and geometric ideas are introduced. The purpose of the course is to enable students to describe the world around them by using expressions, equations, graphs, and statistics. The course uses material that requires a higher level of reasoning and thinking.

Vision of the Successful Student And Core Competencies:

The successful student will...

- demonstrate the ability to solve problems using correct mathematical processes.
- effectively communicate, orally and in writing, the processes and reasoning used to arrive at solutions.
- make connections and effectively apply learned material to new situations.
- identify whether or not a solution is reasonable and revise if necessary.
- use technology to enhance mathematical literacy.
- demonstrate academic integrity as outlined in the Bobcat Student Handbook.
- be a collaborative individual who learns from and contributes to the classroom environment.
- exhibit appropriate behavior for the classroom, including respect, responsibility and engagement.

Materials and Resources to Support Student Learning:

<http://www.glencoe.com/sec/math/algebra/algebra1/index.htm>
<http://www.khanacademy.com>
<http://www.desmos.com> (Great for scientific/graphing calculator)

Evidence of Student Learning: Gradebook Categories		
Assessments	80%	<ul style="list-style-type: none"> ● Activities that allow students to demonstrate mastery and application of taught concepts and skills ● May vary in format and occur at various points through the unit. ● Assessments may include (but are not limited to): <ul style="list-style-type: none"> ○ problem sets ○ quizzes ○ tests ○ performance tasks ○ projects
Learner Tasks	20%	<ul style="list-style-type: none"> ● Activities that provide opportunities to practice content and skills when mastery would not yet be expected ● Accountability for timely completion and submission of assignments ● May vary in format and occur at various points through the unit. ● Learner tasks may include (but are not limited to): <ul style="list-style-type: none"> ○ homework, classwork, practice problem sets ○ warm-ups, check-ins, exit passes

With teacher permission, students will be given opportunities to retake certain assessments/assignments.

Late Work:

- Late work is accepted up until the material is assessed (i.e. quiz, test).
- Full credit earned for homework completed on-time; reduced credit for homework submitted late; homework not submitted earns no credit.
- Students who are absent will have additional time to complete assignments without penalty as described in the Bobcat Handbook.

Please refer to Bobcat Student Handbook for the full Academic Integrity policy.