 **Topics in Algebra**

 Mrs. Casano & Ms. Bartlett

scasano@albany.k12.ny.us ebartlett@albany.k12.ny.us

 Office: room 213 Office: room 216

 scasano.weebly.com

 AHS Phone #: (518) 475-6200



 *Text @984a7k to* 81010 *to receive*

 *important text messages about class*

**GRADING POLICY:**

* Formative Assessments…………..50%
	+ CRs, Exit Tickets, Sprints, HW, Quizzes
* Summative Assessments…………40%
	+ Tests
* Benchmark Exams…………….…….10%
	+ Quarterly Exams

**WHAT YOU NEED FOR THIS CLASS:**

* Pen or pencil
* Math binder

\*\* **A binder is recommended *and provided* over a notebook/folder because we will use packets\*\***

**Note:** If you intend to buy a calculator, the suggested calculator is a Texas Instruments TI-84.

*(TI-84 calculators will be available in class daily)*

**Formative Assessments:**

* Sprints are warm-ups that are graded. They are a quick assignment that sees how well you recall a previous lesson. Concepts will be retaught if necessary. Extra time is not given for students who arrive late without a pass.
* Exit Tickets are graded assignments at the end of class to see how well you understood a specific lesson.
* Class activities are sometimes collected and graded. Sometimes they are graded for participation and sometimes they are graded based on the correctness of answers.
* Homework will be assigned about once a week. It is checked at the beginning of class, and each assignment is worth 4 points. (i.e. if you try every problem –with work shown, you get 4/4, if you try half the problems you get 2/4). Late homework loses one point per day. We will go over HW at the start of class.
* Quizzes will be given at least once per unit. If you are absent the day of a quiz, you will be expected to make it up upon return. Please speak to us if there are extenuating circumstances.

**\*Note:** It is your responsibility to advocate for yourself. If you are struggling, come see one (or both) of us to find out what you can do to be more successful.

**Summative Assessments:** These are your unit tests.At least one quiz will be given per unit.A test will be given at the end of every unit. All tests are cumulative. If you are absent the day of a test, you will be expected to make it up upon return. Please speak to us if there are extenuating circumstances.

**Benchmark Exams:** These are cumulative tests that will be given quarterly.

**\*Note:** Students are expected to use their agendas to keep track of homework/assignments and test/quiz dates. Agendas are required for all passes to leave the classroom.

****

**Extra Help:**

* Available with me in our classroom 1-2 times per week (dates posted weekly)
* Available Mon-Thurs from 3-5 after school with tutors (location TBD)

**Topics in Algebra Units of Study & Approximate Lengths**

**LATE/ABSENT POLICIES:**

If you are **late** to class, you are expected to have a pass.

If you are **absent** from class you are expected to make up all missing work. Zeros are assigned for past assignments that are not done until they are made up.

**Unit 1:** Order of Operations & Evaluating Expressions *(4 weeks)*

**Unit 2:** Solving One & Two Step Equations *(3 weeks)*

**Unit 3:** Solving Equations (Like-terms & Distributive Property) *(4 weeks)*

**Unit 4:** Linear Functions & Graphing *(5 weeks)*

**Unit 5:** Systems of Linear Equations *(4 weeks)*

**Unit 6:** Solving Inequalities *(4 weeks)*

**Unit 7:** Graphing Inequalities & Systems *(5 weeks)*

**Unit 8:** Operations with Polynomials *(5 weeks)*

**= Topics in Algebra/Math Facts & Course Description =**

* This is a pre-algebra course which focuses on the key concepts and theories in mathematics that provides a foundation for Common Core Algebra based on skills from 8th grade math.
* The goal is to increase students’ mathematic literacy, problem solving and critical thinking skills that students learn in middle school.
* The essential learning focuses on properties of real numbers, solving equations and inequalities, polynomials and graphing systems of linear equations and inequalities.
* This course is worth *one* credit, and does **not** have a regents at the end of the year.
* You are **REQUIRED** to pass *both* Algebra and the Algebra regents in order to graduate from high school.
* You need to pass *three* math classes in order to graduate from high school.

**= Classroom Expectations =**

* Show up to class on time
* Be prepared for class
* Come with a positive attitude
* Put forth your best effort every day in class

***As the teachers, we reserve the right to amend the syllabus throughout the course of the year.***

***All students will be made fully aware of any changes to the syllabus.***