

Materials Needed Daily:

- 1) **Graphing Calculator** (TI-84 Plus CE or TI-84/Ti-83)- You can purchase your graphing calculator at Walmart, Staples, Target, and Amazon. I recommend purchasing the TI-84 Plus CE, because it is slimmer and has a color screen. If purchase is not financially possible, a calculator will be made available to the student.
<https://www.amazon.com/Texas-Instruments-TI-84-Graphing-Calculator/dp/B00TFYYWQA>
- 2) **Pencils, Pencils, Pencils** - Pens can be used for notes, but will not be accepted on any graded assignment.
- 3) **Notebook** - You can use a binder with loose leaf paper or a spiral notebook with a folder.
- 4) **Student Pass** - You need your student hall pass to leave the classroom.
- 5) **Textbooks** - Your textbook is online, <https://my.mheducation.com/login>. Your username and password is different from your Methacton username. Please see Mrs. Ellwood if you have any textbook login issues. There will also be a set of textbooks in the classroom

Grading: Your grade will be based on a weighted average.

- 1) **Homework/Classwork/Projects (25%)**- Homework will be given most days and checked for completion. You will be required to **write the original problem and attempt every problem** in order to receive the full points. Failure to complete homework will result in a zero for that assignment. If you **miss 3 or more homework assignments, parents will be notified**. Occasionally there will be a graded assignment that will be graded on correctness.
- 2) **Quizzes (25%)**
- 3) **Tests (40%)**
- 4) **Quarterly (10%)**

*You must have $\geq 83\%$ to move into Honors Geometry next year.

Course description: This course is an accelerated Algebra I course that extends the topics of linear functions, linear inequalities, absolute value functions, quadratic functions, polynomials, factoring, radicals, and rational expressions. These topics are explored through writing, word problems, graphing calculators, and group projects. Students completing Honors Algebra 1 will take the Algebra 1 Keystone Exam in addition to the 8th grade mathematics PSSA test.

State Exams: In April, all 8th graders must take the PSSA in mathematics. In May, all Algebra students will be required to take the Keystone Exam in Algebra I. Students must be proficient or advanced on the Keystone Exam in order to graduate High School.

Respect: Respect me, your classmates, and yourself. This means coming to class prepared, not talking while a teacher or another student is addressing the class, treating others with kindness and dignity, and following school and district rules.

Absence due to illness: When you are absent, you have 2 days to make up the work missed for that day. You should reference my teacher website and talk to a friend to get missed work. You can certainly email me if you have questions about the material on my teacher website. If you are absent the day before or the day of a quiz or test you will be required to make up that assessment the day you return. Multiple days of absences will be handled on an individual basis.

Absence due to extra-curricular events (music lessons, school trips, sport events, etc): Permission to miss class must be asked the day before or during morning homeroom. All work due on the day you miss class is due during morning homeroom. It is also your responsibility to record and collect the work you will miss in class that day; work is due during your next regularly scheduled class period.

Extra Help: I can be available before school, 8th period, and after school for help. Please make arrangements with me (the day before) if you will be coming in the morning or staying after school.
