

Course Expectations: **Algebra 1A**

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Algebra 1A is focused heavily on developing proportional reasoning, operations with positive and negative numbers, and algebraic reasoning. There is also a focus on expanding our use of 2D geometry and use of statistics to make inferences and draw conclusions. This course covers topics from Math 7, Math 8, and Algebra 1. At the completion of this course, students will have covered all the content from the first semester of Algebra 1.

Students will engage in the following units of study:

1	Operations with Rational Numbers
2	Proportional Relationships and Percents
3	Linear Equations and Inequalities
4	Functions
5	Linear Functions and Scatterplots
6	2D Geometry
7	Probability and Statistics

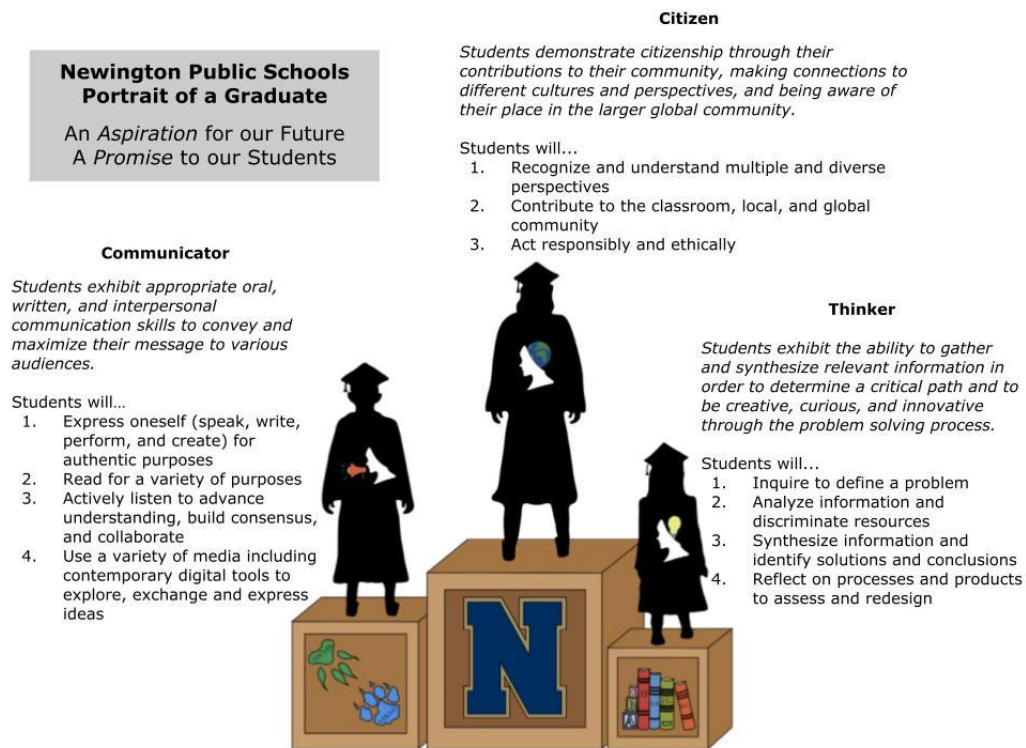
GRADING INFORMATION

- Each quarter is worth 22.5% of your year grade. There will not be a midterm exam. The final exam is worth 10% of your year grade. If you have 90% or higher for your year grade, you will be exempt from the final exam.
- There are two categories of grades in all math classes.
 - AOL - 80% - Assessments of Learning (Interim & Summative Assessments or Culminating Performance Tasks)
 - AFL - 20% - Assessments for Learning (all other work collected and scored by the teacher)
 - HoW - 0% - Habits of Work (Does NOT count towards a students grade); however, **the mathematics department requires a HoW of 70% to request a retake of any Summative Assessment.** In addition, the HoW assignments provide the practice you need to be successful.
 - See full grading policy, including retakes and rubric grade conversion information is located [here](#).

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Like

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courses at the middle level. Math 7 will also support you in meeting the standards in the Newington Public Schools Portrait of a Graduate, which is also a requirement for graduation at Newington High School.

Throughout the semester, we will discuss how different learning activities and assessments support you in reaching the standards of communicator, citizen, and thinker. You will also be asked to reflect periodically on how you have demonstrated growth on one or more aspects of the Portrait of a Graduate as a result of learning in this course.