

Course Expectations

Course: Quantitative Reasoning

Teacher: Mrs. Artyunova (Ms. A) aartyunova@arlington.k12.ma.us

Overview:

The focus of this course will be using mathematics to model real world phenomena and solve real world problems. The units of study will include Modeling Games; Difference Tables, Systems, and Modeling with Polynomials; Probability; Statistics; Using Recursive and Explicit Functions in Models and Decision Making; and Personal Finance.

Respect and Responsibility:

It is the right of every student to have an opportunity to learn. My classroom will be a safe learning environment for all students. Language and behavior that is disrespectful to others will not be tolerated. You are also required to respect yourself by doing your best in class. Come to class prepared and ready to participate and learn.

Cell Phone Usage

Cell phones may only be used with teacher permission. Students are expected to bring their full, undivided attention to the learning activities of each class.

Attendance:

You are allowed no more than six absences per quarter. Please do not come to school if you are sick, but otherwise try to keep absences to a minimum. I want you to succeed in learning the material and being present in class will help that to happen! An excused absence gives you the right to make-up class work, homework, quizzes and tests. It is your responsibility to contact me on or before the day you return so that we can agree on a make-up schedule. Note: If you are absent only on the day of a scheduled quiz or test, you will be expected to take it on the day you return. You will have no more than one week to make-up the work, unless you were absent for more than one week. Ultimately, you are responsible for any work that you miss. No credit will be given for work made up after an unexcused absence.

Preparedness:

Most work for this course will be completed in class, and it will be collected and/or checked regularly. All homework and classwork should be completed in pencil and kept in your binder. You must show your work in order to receive full credit on assignments. Many of your assignments will be handouts which may not provide sufficient work space. In these cases, do your assignment on separate paper. If you have difficulty with a problem, do not erase your work but do leave space to complete/correct it later. Unless you have an excused absence, you may only receive full credit for a classwork/homework assignment on the day that it is checked.

Materials:

1. Pencil(s) and paper. We all make mistakes (me included!), so **use a pencil and eraser** to make sure your work is as clear as possible.
2. A three-ring binder or folder to organize your paper is suggested, or you can do all of your work in one spiral-bound notebook. This resource should not be shared with other courses - only math. If using a binder or folder, no sections are needed, as all work should be labeled and dated and kept in chronological order.
3. Device (laptop or tablet). A TI-83 or TI-84 Graphing Calculator is useful but not required. I have found acceptable alternatives for students to access from their devices.

Evaluation:

An in-class assessment will be given at the end of every unit. Mid-unit quizzes and spreadsheet projects will often be given as well. You may take a quiz or test late if you have had excused absences prior. Taking the original assessment will help you do better on a retake so don't avoid taking an assessment for which you do not feel prepared. You will also be evaluated on your classwork and homework.

Retake Policy:

Students will be allowed to retake quizzes and tests provided that they make corrections to their original assessment (one retake per assessment). This should be done within 1-2 weeks of the original assessment being returned, and during extra help times, if possible. Please see me if it is not. Retakes are optional. If you choose to take a retake, the retake grade replaces the original grade. Retakes for assessments in a given term must be completed by the end of that term.

Grading:

Your quarterly grade will be determined by a weighted average as follows:

80% quizzes

20% classwork (including spreadsheet projects)

Office Hours/Extra Help:

You are encouraged to ask questions in class. I will generally be available for extra help during Tuesday X-blocks and before school on Mondays, Tuesdays and Thursdays 8:00 am - 8:30 am. Please let me know if you plan to attend an extra help session so that I may plan accordingly.