

Advanced Math Concepts (AMC)

Mrs. Alicia Graham

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[Graham, Alicia | Bellefonte Area High School](#) webpage

Concepts Covered in AMC:

Relations, Functions, Linear Equations and Graphs, Systems of Equations, Matrices, Polynomial and Rational Functions, Sequences and Series, Probability, Exponential and Logarithmic Functions, Statistics, Nature of Graphs, Conic Sections

Materials Needed in Class:

- Chromebook
- Notebook
- Pencil
- TI-83 or TI-84 Calculator (These will be issued for each student to borrow, but you are welcome to bring your own if you have one.)

Websites / Textbooks Used:

The majority of the time in this class we will be using **Mathspace**. Homework and most of our quizzes and tests will be completed on this platform. We also may use the textbook, *Advanced Mathematical Concepts*.

Google Classroom / Meet will also be used in this class.

District Artificial Intelligence Statement:

Student use of Generative AI software/platforms is not permitted on any coursework/assignments/assessments unless explicitly outlined by the teacher.

Discipline Philosophy and Class Expectations:

Students will follow school rules and policies, as well as classroom rules. Failure to follow rules/policies will result in warnings if the action is not severe. If the situation warrants it, or the behavior continues, contact with parents/guardians and/or referral to the vice principal will result.

School Cell Phone Policy

Cell phones and other personal electronics such as headphones/earbuds are to be off and away while students are in the classroom. Devices that are visible to the teacher are subject to confiscation and referral to administration for disciplinary action per the student code of conduct.

Classroom Rules:

- Come to class prepared and ready to learn
- Be respectful of others and their property
- Be honest
- Be kind
- Do your best
- Follow directions the first time they are given
- Cell phones should not be used during class
- Earbuds or headphones should be removed during class

Homework and Grading Policies

In order to learn and improve in mathematics, practice is essential. Homework will be assigned in AMC almost every day. You are responsible to have the assignment completed by the deadline given for each assignment. There will be some time provided to work in Mathspace during class each week. Homework assignments will typically be worth 8 points each and tests will typically be 100 points. Homework completed on Mathspace will be scored as follows:

Homework %	Gradebook Score
80% +	8/8
70-79%	7/8
60-69%	6/8
50-59%	5/8
40-49%	4/8
30-39%	3/8
20-29%	2/8
10-19%	1/8
0-9%	0/8

Absences from Class

Please check Google Classroom for information / assignments when you are absent. You are responsible to get the assignments and notes. If you are absent on the day of a quiz or test, expect to take the quiz/test on the day of your return. If you missed multiple days, then it should be made up within the 'two days per day missed' time period.

Questions, Help Needed

Please do not hesitate to contact me with any questions, or ask questions in class. I am here to help. You can also email me with any concerns or questions. Also, don't forget that Mrs. Baughman is available for tutoring.

I am looking forward to a fun and successful year!