

## Math 4: Algebra, Functions, Probability and Statistics Syllabus

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### SUPPLIES Needed for Class:

- Charged laptop daily
- Tab dividers (you need 12)
- 1" – 1.5" binder for this class only (no spiral bound notebooks allowed)
- College ruled notebook paper
- Pencils and erasers
- Highlighters
- Earbuds that can be plugged into your laptop (have these in your bag at all times)
- 1 box tissues
- Additional supplies when requested (Skittles, M & Ms, cookies, gummy bears, etc)
- An understanding that no phones are allowed at any time, for any reason

Grading for each 6-week period: I will be grading on the point system.

Make Up Work: All assignments can be found on the class website/calendar. If an assignment is not made-up within 5 days, you could receive zero points for that assignment! Missing work must be done within 5 days – 10% reduction in grade for each day late per the SHS student handbook.

HOMEWORK and CLASSWORK: It is very important that you complete every assignment to be successful. To learn math, you must practice math. You must attempt and show your work on all assigned problems to receive full credit. You will have 5 days from the due date to turn in work for reduced credit.

### 1 Classroom Rule

If what you are doing:

Interferes with learning

Hurts someone's heart

or Prevents you from being your best self

You shouldn't be doing it.

### Math 4 Units

Unit 1: Complex Numbers, Matrices, and Vectors

Unit 2: Functions

Unit 3: Logarithms and Exponentials

Unit 4: Trigonometry

Unit 5: Exploratory Data Analysis

Unit 6: Probability Distribution

Unit 7: Statistical Inference