

JMHS Back to School Night

2021-2022

About me: Gretchen Sharp

- Alumna of Jackson Memorial High School
- BA in Mathematics
- This is my 13th year teaching high school math
- I taught at Jackson Liberty for 11 years
 - Algebra 1
 - Geometry
 - Algebra 2
 - Trigonometry
 - PreCalculus
- This is my 2nd year teaching at Jackson Memorial
 - Algebra 2
 - Trigonometry
 - PreCalculus

Class Experience

Your kids will be learning in a variety of ways this semester:

- In-person/direct instruction
- Previously recorded lessons through screencastify
- Links for videos/tutorials to watch
- Worked out solutions through screencastify

Please make sure your child self advocates. With the limited time I have with them, it is really important that they ask questions and speak up if they don't understand something. I want to make the time I get to spend with them as productive as possible.

If your child is in....ALGEBRA 2

We will cover many different topics in this class:

- Quadratic Functions and Factoring
- Polynomials and Polynomial Functions
- Rational Exponents and Radical Functions
- Exponential and Logarithmic Functions
- Rational Functions
- Data Analysis and Statistics
- Sequences and Series
- Trigonometric Ratios and Functions

If your child is in....Trigonometry

We will cover many different topics in this class:

- Equations and Inequalities
- Graphs of Equations
- Functions
- Trigonometric Functions
- Acute Angles and Right Triangles
- Radian Measure and Circular Functions
- Graphs of the Circular Functions
- Trigonometric Identities
- Inverse Circular Functions and Trigonometric Equations
- Applications of Trigonometry

If your child is in....PreCalculus

We will cover many different topics in this class:

- Functions and Their Graphs
- Polynomial and Rational Functions
- Exponential and Logarithmic Functions
- Trigonometric Functions
- Analytic Trigonometry
- Applications of Trigonometry

Calculators and Other Supplies

Calculators:

It is highly recommended that each student has his/her own calculator that they can bring to and from school with them.

- Graphing Calculator: TI 83 or TI 84
- Scientific Calculator: TI 30X IIS

Other Supplies:

- 3-5 subject notebook
- Graphing notebook
- Pencils

Parent Portal

Please check the parent portal on a weekly basis. Normally, I have homework posted by the end of the week (if not daily) and assessments are graded and in the portal within a couple of days. Because of the circumstances however, it may take me awhile to check assignments, grade assessments, and input grades. So please be patient with me.

The portal is where you should be looking for your child's most current or up-to-date grade. Please do not go off of what it says on google classroom. Only the grades in portal matter.

Grading for Alg 2/Trig/PreCalc

Assessments: 60%

Tests: 40% (in portal weighted as 2 because it is 2x what a quiz is worth)

Quizzes: 20%

Homework: 20% (Usually out of 10. Students need to show all work and put in a solid effort in order to receive full credit.)

Participation: 20% (not given until the end of each marking period)

Google Classroom

This is where **ALL** assignments will be posted. Some other things you might find here are:

- Notes
- Tutorials
- Links to various videos
- Lessons
- Worked out solutions to certain examples

Google classroom is where I'd like students that are quarantined to post any homework assignments they are out for.

Teacher Page

Through the school website, you will be able to find my teacher page. My teacher page has a tab labeled Student Resources. Through here, I have a bunch of different links to various websites that are extremely helpful for extra Algebra 2 help.

Please make sure you check it out: [Student Resources](#)

Also, when in doubt....YouTube!! You can search any math concept on youtube. Type what you want to know in the search then choose witch tutorials you want to watch.

Contact Information

Please reach out if you have any questions or concerns. Email is the best way to get in touch with me.

gsharp@jacksonsd.org

My email address can also be found on my teacher page.