

# School Year 2021-2022: Back to School Night @ LJMS


**Algebra 2 Honors**

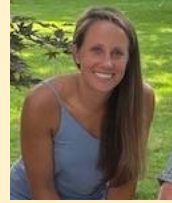


# Welcome and Introductions



## ❑ Department Members:

- ❑ Mrs. Laura Miller 



Little about Mrs. Miller:

- ❖ 8th year teaching at Jackson
- ❖ Bachelor's Degree - Math Ed
- ❖ Master's Degree - Special Ed
- ❖ Originally from Buffalo, NY
- ❖ Recently got married!!!

## ❑ Overarching course goals

- ❑ To extend students knowledge and understanding of various functions
- ❑ Analyze Data derived from real world phenomena

# Algebra 2 Honors Curriculum (8th Grade)

## ❑ Essential Standards

<u>Quarter 1</u>	<u>Quarter 2</u>	<u>Quarter 3</u>	<u>Quarter 4</u>
Functions	Applications of Quadratics	Exponents & Logarithmic Functions	Sequences & Series
	Polynomial Equations & Functions		Probability & Statistics
Factoring & Quadratic Functions	Radical Expression & Functions	Rational Expressions & Functions	<b>SOL &amp; Final Exam Review</b>
			<b>Matrices (Honors Extension)</b>



We will support social emotional understanding by helping students make sense of problems and persevere in solving them. To effectively engage in complex problem solving, students must be able to stay calm when facing a challenging problem (self-management), recognize when they lack the knowledge to solve a problem (self-awareness), effectively solicit help from others (relationship skills), and learn from others how they solve problems (social awareness).

# Class and Assignment Information

## What might a “typical” class look like?

Warm Up/Check In	Mini Lesson	STRETCH	Activity	Exit Ticket
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## Commonly Used Digital Tools for Synchronous Work

- Mathspace (log-in using clever & FCPS credentials) - <https://mathspace.co/us>
- Desmos (graphing calculator) - <https://www.desmos.com/testing/virginia/graphing>
- Edpuzzle (sign in with google account) - <https://edpuzzle.com/>
- Peardeck
- Kahoot
- Wizer

# Homework Information

## **What might homework look like for this class?**

- Asynchronous work will be designed to provide support and deeper understanding of the content presented in class and may be in the form of a game, video, interactive worksheet, discussion thread, or reflection.

## **Submitting**

- Asynchronous work can be turned in on Schoology after the assignment has been completed. Students will also be able to see feedback from their teachers in the feedback section of the google assignment.

## **Commonly Used Digital Tools for Asynchronous Work**

- MATHSPACE
- Edpuzzle
- Peardeck
- Jamboard

# Assessments

- ❑ **Assessments**
  - ❑ Tests - will be given at the end of every unit.
  - ❑ Quizzes - will occur 1-2 times each unit.
  
- ❑ **Assessment platforms include:**
  - Horizon (ecart)
  - Schoology
  - Google Surveys
  - Pear Deck
  - Quizizz

# Communication Protocols

## ❑ Progress Reports

- ❑ Progress reports will be emailed home every 2-3 weeks. If students notice a discrepancy in their progress report, please email your teacher immediately.

## ❑ Feedback

- ❑ Any written feedback for assignments can be viewed on the Google assignment.

## ❑ Email

- ❑ If a question arises and you need to email your teacher, a response will be communicated with you within 24-48 hours. If an email is sent Friday afternoon, you can expect a response from your teacher at the end of the next available school day.