

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

Algebra 1/Algebra 1 HN



Welcome and Introductions



Algebra 1 Content Team

Ms. Kate Hyun



Mrs. Laura Miller



Ms. Maryam Shisheboran Ms. Meghan Hockenbury



Algebra 1 Curriculum (7th and 8th)

| <u>Quarter 1</u> | <u>Quarter 2</u> | <u>Quarter 3</u> | <u>Quarter 4</u> |
|----------------------------|-------------------|------------------------|-------------------------|
| Expressions and Operations | Functions (Cont.) | Exponents and Radicals | Quadratics |
| Equations and Inequalities | Lines | Polynomials | Variations |
| Functions | Systems | | SOL & Final Exam Review |



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 |
|------------------|-------------|---------|----------|-------------|

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
- Padlet
- Jamboard
- Kahoot

Most of the class time will include a number talk, independent thinking time, and collaborative activities (whole group and break-out room small group). We also have an end of class reflection exit ticket. Materials will be posted to Schoology as needed.

Homework Information

What might homework look like for this class?

- Homework 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

- Homework 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 Homework

- Mathspace*
- Edpuzzle (sign in with google account)
- Peardeck
- Padlet
- 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 Forms
 - 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 Classroom 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.