

School Year 2020-2021: Back to School Night @ LJMS

Math 7



Welcome and Introductions



- ❑ Department Members
 - ❑ Silvia Angelova
 - ❑ Lindsay Baksi
 - ❑ Eric Behrens
 - ❑ Kate Hyun
 - ❑ Leigh Reinemann
 - ❑ May-Lissa Sutton
 - ❑ Bryan Pashong
 - ❑ Mel Usry
 - ❑ Cecilia Zama

- ❑ Overarching course goals
 - ❑ To build on the concept of ratios and rational numbers to solve problems including problems that require proportional reasoning.
 - ❑ To develop an understanding of and fluency with solving linear equations and inequalities in one variable by applying the properties of real numbers
 - ❑ To develop an understanding of and fluency with multiple representations of functions that model a multiplicative or additive relationship.

7th Grade Curriculum

Essential Standards

| 1 st Quarter | 2 nd Quarter | 3 rd Quarter | 4 th Quarter |
|------------------------------------|---------------------------------------|----------------------------|----------------------------------|
| Rational Number System | Real Numbers & Exponents Cont. | Intro to Functions | Probability & Data Distributions |
| Proportions & Linear Relationships | Expressions, Equations & Inequalities | Triangles & Quadrilaterals | Surface Area & Volume |



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)?

LJMS Weekly Schedule



Virtual Weekly Schedule

| Monday | Tuesday | Wednesday | Thursday | Friday | | | | |
|--|---|---|---|---|-----------|-----------------|------------|-----------------|
| Intervention | ODD Red Day | EVEN White Day | ODD Red Day | EVEN White Day | | | | |
| English 8:30 - 9:15 Math 9:15-10:00 Social Studies 10:00-10:45 Science 10:45-11:30 CTE (Engineering and Computer Solutions) 12:00-12:45 World Languages (Spanish, French, Chinese) 12:45-1:30 Art, Drama, & Music (Chorus, Orchestra, Band) 1:15-2:00 PE 1:45-2:30 | Bell Schedule by Period 7:30- 8:50: Period 1 9:05-10:25: Period 3 10:35-11:10: Lunch 11:20-12:40: Period 5 12:55-2:15: Period 7 | Bell Schedule by Period 7:30- 8:50: Period 2 9:05-10:25: ADVISORY 10:35-11:10: Lunch 11:20-12:40: Period 6 12:55-2:15: Period 8 | Bell Schedule by Period 7:30- 8:50: Period 1 9:05-10:25: Period 3 10:35-11:10: Lunch 11:20-12:40: Period 5 12:55-2:15: Period 7 | Bell Schedule by Period 7:30- 8:50: Period 2 9:05-10:25: FLEX <table border="1"> <tr> <td>9:05-9:40</td> <td>FLEX Rotation 1</td> </tr> <tr> <td>9:50-10:25</td> <td>FLEX Rotation 2</td> </tr> </table> 10:35-11:10: Lunch 11:20-12:40: Period 6 12:55-2:15: Period 8 | 9:05-9:40 | FLEX Rotation 1 | 9:50-10:25 | FLEX Rotation 2 |
| 9:05-9:40 | FLEX Rotation 1 | | | | | | | |
| 9:50-10:25 | FLEX Rotation 2 | | | | | | | |

Department Weekly Schedule

❑ **BBCU Links**

BBCU links have been emailed to individual students using their FCPS email inks have accounts. Please encourage students to save these links in their virtual planner. Detailed videos for help with this are in the Class of 2026 Google Classroom.

❑ **Office hours**

Office hours will be offered after school on Wednesdays for students that would like to receive additional support. Students should reach out to their individual math teachers to coordinate an appointment.



Synchronous Work

❑ What might a “typical” class look like?

| | | | | |
|------------------|-------------|---------|----------|-------------|
| Warm Up/Check In | Mini Lesson | STRETCH | Activity | Exit Ticket |
|------------------|-------------|---------|----------|-------------|

❑ Commonly Used Digital Tools

- ❑ Discovery Education (sign in with Clever) - <https://fairfax.discoveryeducation.com/>
- ❑ Desmos (scientific calculator) - <https://www.desmos.com/testing/virginia/scientific>
- ❑ Edpuzzle (sign in with google account) - <https://edpuzzle.com/>
- ❑ ST Math - (sign in with Clever) - <https://clever.com/in/fairfax>
- ❑ Peardeck
- ❑ Padlet

❑ What are some examples of classwork?

Collaborative problem solving, self-paced guided practice, engaging in visual thinking work, or formative and summative assessment.

Asynchronous Work

❑ **What might asynchronous work 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 Google Classroom 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**

- ❑ ST Math
- ❑ Edpuzzle
- ❑ Peardeck
- ❑ Padlet, and others.

Schoolwide Category Types and Comments



| Assignment Category Types | % of the Student Grade |
|---|------------------------|
| Major Work (inclusive of Projects, Labs or Assessments) | 40% |
| Classwork/Asynchronous Work (Practice/Extensions) | 50% |
| Participation* | 10% |

*Participation is defined as an opportunity for students to process and/or reflect on content in their learning. Students will have multiple opportunities to capture learning progress through activities such as quickwrites, polls, exit tickets and quizzes.

School Wide Gradebook Comments (SIS View)

| Comment | Value | Remove When Scored |
|--|-------|--------------------|
| Missing - may still be turned in for credit | 50% | Yes |
| Late - NO penalty will be applied. | - | |
| Absent - Student was absent, work must be completed | - | Yes |
| Excused - excused from doing the assignment | - | |

Assessments and Grading Policies

❑ Assessments

- ❑ Tests - will be given at the end of every unit.
- ❑ Quizzes - will occur 1-2 times each unit.

❑ Assessment platforms include:

- Horizon (ecart)
- Blackboard
- Google Surveys
- Pear Deck
- Quizizz
- Wizer

Communication Protocols

❑ **Feedback**

- ❑ Any written feedback for assignments can be viewed on the Google Classroom assignment. Students are encouraged to check Google Classroom frequently to receive updates, assignments and feedback.

❑ **Progress**

- ❑ You may check SIS anytime to view student progress. Progress reports will be emailed home regularly. If students notice a discrepancy in their progress report, please email your teacher immediately.

❑ **Email**

- ❑ If a question arises and you need to email the 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.