

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

Math 7



# Welcome and Introductions



- ❑ Department Members
  - ❑ Silvia Angelova
  - ❑ Eric Behrens
  - ❑ Kate Hyun
  - ❑ Leigh Reinemann
  - ❑ Bryan Pashong
  - ❑ Joseph Quarcoo
  - ❑ 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 <sup>st</sup> Quarter	2 <sup>nd</sup> Quarter	3 <sup>rd</sup> Quarter	4 <sup>th</sup> 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)?

# 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

- 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.

# Homework Information

## ❑ **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.

# 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)
- Schoology
- Google Surveys
- Pear Deck
- Quizizz
- Wizer

# Communication Protocols

## ❑ Feedback

- ❑ Any written feedback for assignments can be viewed on the Schoology assignment. Students are encouraged to check Schoology 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.