

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

Math 7 Honors



Welcome and Introductions



- ❑ Mr. Bryan Pashong
 - ❑ 14th Year of Teaching
 - ❑ 7th Year at LJMS
 - ❑ 11th Year in FCPS

- ❑ Ms. Linda Ysewyn
 - ❑ 22nd Year of Teaching
 - ❑ 22nd Year at LJMS

- ❑ Overarching course goals
 - ❑ To prepare students for the High School Level Algebra 1 Honors Course.

Welcome and Introductions



Mr. Pashong



Ms. Ysewyn

Math 7 Honors Curriculum

Mathematics 7 Honors is a challenging mathematics program for students who enjoy non-routine problem solving and rigorous mathematical explorations. Mathematics 7 Honors stretches students' reasoning skills as they are engaged in advanced topics related to the mathematics explored in middle school. Mathematics 7 Honors reinforces, extends, and enriches the Mathematics 8 topics at an advanced level foreshadowing their applications in future mathematical studies. This course emphasizes goals and objectives from the Virginia Standards of Learning. Students take the Virginia Standards of Learning (SOL) Grade 8 Math Assessment in the spring.

Math 7 Honors Goals

- ❑ Multiple Learning Opportunities to demonstrate proficiency
- ❑ Will center our thoughts and actions on Collaboration for Academic and Social & Emotional Learning (SEL)
 - ❑ Understand and manage emotions, Establish and maintain positive relationships, Set and achieve positive goals, Make responsible decisions, Feel and show empathy
- ❑ Will incorporate POG - Collaboration, Communication, Ethical and Global Citizen, Creative and Critical Thinker, Goal Directed and Resilient Individual
- ❑ Will promote a Growth Mindset to learn from mistakes

FCPS Math 7 Honors Pacing

The Real Number System
Linear Functions
Algebraic Expressions
Solid Figures
Linear Functions
Algebraic Expressions
Congruence and Similarity
Probability of Multiple Events
Pythagorean Theorem
Bivariate Data
Angles and Polygons
Ensuring Mastery of Essential Standards

Class and Assignment Information

- ❑ A typical class might include...
 - ❑ Teacher Greeting Students
 - ❑ Math Warm Up or Brain Teasers
 - ❑ Link: Make connections with prior knowledge or real world experiences
 - ❑ Engage: Complete notes or mini lesson on new topic
 - ❑ Active Learning: Students will complete various practice tasks and utilize digital tools, such as Schoology, Discovery Math Techbook, ST Math, Google Drive, etc.
 - ❑ Reflection: Complete an exit ticket or share in a discussion

- ❑ What are some examples of classwork?
 - ❑ Independent practice, partner practice, quizzes, games, etc.

Homework Information

- ❑ Students will be provided practice in class with an expectation that it will be finished for homework.
- ❑ Assignments will be listed in the “**Math 7 Honors Student Weekly Learning Calendar**” located in Schoology.
- ❑ Assignments will be turned in through Schoology, Horizon, ST Math, or in person for paper copies.
- ❑ DESMOS Calculator is allowed to be used all year for the entire course.

Math 7 Honors Assessments and Grading Policies

- ❑ GRADED MASTERY: Unit Test Assessments
- ❑ GRADED PRACTICE: Classwork Practice, Quizzes, or Exit Tickets that are graded
- ❑ NON-GRADED PRACTICE: Classwork Practice that is for skill practice only

Math 7 Honors Communication Protocols

- ❑ Student and families will receive communication from teachers through email, by phone, or virtual conferences to be scheduled as needed.
- ❑ Students are encouraged to check our Math 7 Honors Schoology on a weekly basis to receive updates and locate assignments.
- ❑ Parents/Guardians/Students may contact teachers with any questions through e-mail and should receive a response within the next business day.
 - ❑ Mr. Bryan Pashong: bgpashong@fcps.edu
 - ❑ Ms. Linda Ysewyn: lysewyn@fcps.edu