

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

Pre-Algebra



Welcome and Introductions



Mr. Bair



Mr. Behrens



Ms. Hockenbury



Ms. Holmes



Ms. Shisheboran



Ms. Thompson



Ms. Van den Assum



Ms. Ysewyn

Curriculum

- ❑ Pre-Algebra is a challenging mathematics program for students in grade 8. The Pre-Algebra program includes all the Virginia Standards of Learning (SOL) for mathematics for Pre-Algebra along with reinforcement of previously explored skills. This course will be instructed with emphasis on the goals and objectives of the Virginia Standards of Learning.
- ❑ Our units of study will cover:

1 st Quarter	2 nd Quarter	3 rd Quarter	4 th Quarter
The Real Numbers	Linear Functions	Pythagorean Theorem	Probability of Multiple Events (continued)
Linear Functions	Algebraic Expressions	Angles and Polygons	Bivariate Data
	Congruence and Similarity	Solid Figures	Moving Forward & Digging Deeper
		Probability of Multiple Events	

Goals

- ❑ In our classes we strive to improve our students' understanding of mathematics as well as encourage personal growth.
- ❑ Following the FCPS Portrait of a Graduate model, students will work independently, in groups, and with their teachers to become better communicators and global citizens who appreciate the value of other perspectives, think outside the box, and learn from mistakes.
- ❑ Students will understand that the learning process involves challenging oneself as well as advocating for individual needs.
- ❑ In building positive relationships with students and among students, teachers will foster a supportive learning environment.



Class and Assignment Information

- ❑ Classes will include math review warm-ups, mini-lessons, and practice activities. We often have an end of class reflection exit ticket. Materials will be posted to Schoology as needed.
- ❑ We will use a variety of digital tools and programs. Students will use their FCPS log-ins:
 - ❑ Peardeck
 - ❑ Kahoot
 - ❑ WizerMe
 - ❑ Padlet
 - ❑ Flipgrid
- ❑ In order for your student to access some of these tools, the digital consent form must be signed. More information (available in multiple languages) can be found [here](#).

Math Support



We will be using ST Math. Students will receive an objective-specific assignment or directed to practice a variety of skills on their “journey” with mascot, Jiji. Students are more than welcome to do extra practice in ST Math at any time.

ST Math is a program to help students in kindergarten through 8th grade build math skills through visual conceptual instruction and personalized intervention. Students will log in through links in the virtual classroom and [here](#). They will use their FCPS log-in credentials. Parents can find more information about ST Math here:

- <https://www.stmath.com/middleschool>
- <https://www.stmath.com/parent-math-resources>

Assessments and Grading Policies

As a school we use a rolling gradebook with the following categories:

- Mastery - We will have mastery checks for each unit to track student progress in their learning of grade level standards. Students will have multiple opportunities to show their understanding.
- Practice - we will have graded and non-graded practice activities for each unit.

Communication Protocols

- ❑ Assignments, important dates, and reminders will be posted in Schoology.
- ❑ Students should check their FCPS email accounts for notifications and teacher communication.
- ❑ Our preferred method of communication is email. We will do our best to respond to emails by the end of the following school day. Please see our Schoology course page or the [school website](#) to find a teacher's email address.
- ❑ If you would like to have a phone conversation, please email us and we will set up a time. You may also contact your student's counselor to set-up a conference.