

# Algebra, Functions, Data Analysis Syllabus

Fall 2022

**Teacher: Ms. Erika Moritz**

**Contact:** [emoritz@madisonschools.k12.va.us](mailto:emoritz@madisonschools.k12.va.us) Phone: 540-948-3780 Ext 4112

**Room: 112**

[Course Organizer](#)

## Welcome to AFDA!

Welcome to Algebra, Functions, and Data Analysis! Within the context of mathematical modeling and data analysis, students will study functions and their behaviors, systems of inequalities, probability, experimental design and implementation, and analysis of data. Data will be generated through practical applications arising from science, business, and finance. Students will solve problems that require the formulation of linear, quadratic, exponential, or logarithmic equations or a system of equations.

## Classroom Values

1. *Students are to follow all school rules as written in the handbook.*
2. *Students will treat classmates, teachers, and classrooms with respect; behavior that disrupts the learning will not be tolerated.*
3. *Students should be the BEST version of themselves every day!*

## Canvas Info

Ms. Moritz will be updating Canvas on a weekly basis. The Canvas Page for class will contain video lessons, copies of notes, copies of assignments, links to the online calculator, and online activities. Students will be using Canvas throughout the class to access lessons, assignments, and activities. Canvas is also a great resource for students that have been absent as it will contain the lesson (notes and video) and work that was missed. If a student is having trouble navigating Canvas please contact Ms. Moritz for help.

Please keep in mind that the grade in Canvas does NOT reflect your students overall grade in the class. Students' grades will be recorded and updated in PowerSchool.

### **Late Work**

Any late or missing work will be marked as "0" in the grade book until it is turned in and graded. All late work will receive a 5 point deduction for each day that it is late. If an assignment is missing for more than 10 days, the student will receive a maximum score of 50%. Interim grade reports mark the mid way point in each quarter and any late work still missing after that date will remain a permanent 0%.

### **Absences**

If a student is absent from class, it is their responsibility to obtain any missing notes and to complete all make-up work in a timely manner. Students who are absent will have the amount of time missed from school plus one additional day to complete all make-up work. After the allotted time, the work is considered late and the late work policy will apply. For example if a student misses 3 days of school, they have 4 days to complete their work.

If a student needs help completing their make-up work they can:

- Watch the posted video lesson on Canvas
- Contact Ms. Moritz to set up a time to meet, virtual or in person, to receive help on completing the missing assignment.
- Attend the After School Academic support sessions on Tuesdays, Wednesdays, and Thursdays from 3:00pm - 5:00pm. During this time you can work with a math teacher on the make-up assignments.

### **Suggested Supplies**

Optional Binder (1 - 2 inches)

Pencils

Composition Notebook

Highlighters (2 colors)

### **Communication**

The best way to contact me is by email at [emoritz@madisonschools.k12.va.us](mailto:emoritz@madisonschools.k12.va.us) .  
I will do my best to respond within 24 academic hours. The best time to reach me by phone is between 8:45-9:30 or after school.