

# Mullally- 8th grade math

# Syllabus 2022-2023

<https://www.dpi.nc.gov/documents/curriculum/mathematics/scos/current/2018-unpacked-content-8th-grade-math-standards>

## Classroom Procedures

\*For 2022-2023, we will employ one of two cycles.

Cycle A:

Monday- student journal

Tuesday- Big Ideas textbook

Wednesday- online learning

Thursday- wild card day- could be stations, scavenger hunt, learning beyond the classroom, anything really that is within the topic of study

Friday- Quiz day or Friday math day- typically revisions or competition.

Cycle B:

\*choice board for Monday, Tuesday, Wednesday- this could be up to 8 different choices for students to choose from.

## **Materials:**

\*graph paper

\*flexi ruler

\*red pen

\*mini stapler

## **Grading Procedures**

\*lessons: 50 points, lessons must be completed

\*quizzes: 100 points, can typically be revised

\*grading follows standard NC ten point scale

\*grades are available on powerschool

## **Discipline**

\*follows PBIS guidelines

Sequence

\*conference with student, discuss a path to success!

\*contact parents

\*refer to principal

## **Contact Information**

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## **Topics**

### **1- 9w**

\*Transformations

Translations

Reflections

Rotations

Dilations

\*Solving Equations

One step

Multi-step

Inequalities

### **2- 9w**

\*Angles

Triangles

Parallel lines and transversals

\*functions

### **3- 9w**

\*systems of equations

\*scatter plots

\*two way tables

\*rational numbers and square roots

### **4- 9w**

\*exponents

\*scientific notation

\*pythagorean theorem

Distance

\*volume

Cylinders

Cones, spheres

### **Lesson information**

\*available on Google Classroom, CANVAS to be active or in process for 2022-2023

## **GFMS Academic Improvement and Participation Agreement**

Students exhibiting poor performance and/or attendance may be presented the opportunity to enter into the abovementioned agreement. This is to give structure to a path for academic success. For more information, email me at [cmullally@caldwellschools.com](mailto:cmullally@caldwellschools.com).

### **Late Work**

\*accepted till end of 9w...PLEASE be prompt- this has many benefits!

### **Projects**

\*if possible....

\*design a town

### **Classroom Rules**

\*please raise your hand before speaking if instruction is occurring

\*please ask permission to leave your seat

**Classroom Goals/Expectations**

I want all students to be kind respectful and willing as they pursue their goals!

**Celebrations/Awards**

I hope to reinstitute the Math Competition Team this year if regional competition is re-continued. It has been suspended through the pandemic. We look forward to competing!