



**Math 8**  
**2021-2022 Syllabus**  
Mrs. Meredith Mackiw, [mackiw@fultonschools.org](mailto:mackiw@fultonschools.org)  
Ms. Meliesha Johnson, [johnsonm1@fultonschools.org](mailto:johnsonm1@fultonschools.org)  
Mrs. Kimberly Johnson, [johnsonk8@fultonschools.org](mailto:johnsonk8@fultonschools.org)  
Mrs. Kelly Sloan, [sloank1@fultonschools.org](mailto:sloank1@fultonschools.org)  
Mrs. Carrie Fontan, [fontanc@fultonschools.org](mailto:fontanc@fultonschools.org)

**Welcome to Math 8!** I look forward to both an exciting and challenging year together as we conquer the various topics of the course. My goal this year is to help you hone your problem-solving skills and reasoning ability so that you can apply them to situations both in and out of the classroom. Be prepared to keep an open mind and a positive attitude as these are vital tools for success! I value your thoughts, ideas, and knowledge and look forward to learning from you as well!

**Units:** The following are the units we will cover according to the Georgia Standard of Excellence **Math 8** curriculum. Some units will be broken into smaller units. We will cover additional Algebra Units after we finish the 8th grade curriculum.

*\*8A8AA classes will be learning this curriculum at a more rigorous level, which will also include some Algebra I standards.*

- |  |  |
|--|--|
| 1. Transformations & Angle Relationships | 6. Volume of Cylinders, Cones, Spheres |
| 2. Solving Algebraic Equations           | 7. Functions                           |
| 3. Application of Exponent Laws          | 8. Linear Functions                    |
| 4. Scientific Notation                   | 9. Systems of Equations                |
| 5. Pythagorean Theorem                   | 10. Scatter Plots & Two-Way Tables     |

**GRADING**

- **Practice (15%)** Homework and classwork
- **Formative Assessments (“Minor” 35%):** Formative assessments include quizzes and quick checks.
- **Summative Assessments (“Major” 50%):** Each unit will be assessed as we complete each standard/topic and again over all unit standards once the unit completed. Summative assessments are worth 100 points and will be announced at the beginning of each unit. Since the course is cumulative, summative assessments will assess prior knowledge as well. This will include the midterm and final exams as well.

**RECOVERY**

- All students will have one (1) opportunity each nine weeks to redo/retake one (1) major assignment/assessment.
- Eligibility for a redo/retake is for students who receive a 79 or below on a specific major assignment/assessment.
- Students are eligible to earn a replacement grade on a redo/retake no higher than 79.
- Student redo/retakes must be completed before the next major assignment/assessment is given or 5 school days before the end of a marking period if there is not another major assignment/assessment given (exceptions can be made for students who have excused absences during this five-day window).

**SPECIAL EDUCATION REPORTING**

- Special Education students receive grades on the general education reporting instruments except for students served through the moderately to profoundly intellectually disabled programs. Students served in these programs may use an alternate progress report and report card. Grades for students receiving special education services are determined by the teacher serving the student for each subject area. The course grade for students served by a general and special education teacher for the same subject is cooperatively determined by the teachers.

**CLASSROOM EXPECTATIONS**

- Follow the PBIS classroom expectations schoolwide.
- Be prepared for class – have homework and all math materials ready for class, including pencils.
- Ask questions to clarify what you don’t understand.
- **Put forth your best effort!**

## **ATTENDANCE**

- Students learn much better when attending classes. Please try to schedule appointments at various times so you aren't missing the same class every time you have to be absent.

## **MATERIALS**

- Pencils!!
- Computer and headphones/airpods/earbuds
- Math binder
- Notebook dividers
- Scientific Calculator (Texas – TI-30XIIS) (optional to purchase one)

## **TRMS HONOR CODE**

I understand that academic integrity creates a strong academic and ethical environment at Taylor Road Middle School. I pledge that I will be personally responsible for upholding the values of academic integrity by being honest and not tolerating academic dishonesty.

## **HELP HOURS**

Students may request a help session with a teacher by speaking with the teacher and/or emailing the teacher.

## **MAKE-UP WORK**

Making up work is the **responsibility of the student**. Students are responsible for emailing their teacher when absent to find out what they missed. Make-up work will be accepted up to one week after the return of an excused absence(s).

## **TEAMS CHANNELS:**

- In Teams, there are channels that you will be able to access information about our class as follows. Questions may be asked in the General channel. Teams will mostly be used if we are virtual or if the teacher is absent.
  - ✓ General
  - ✓ Class Meeting
  - ✓ Assignments (when there is a sub)

## **TIPS FOR BEING SUCCESSFUL IN MATH:**

- Keep an agenda or calendar with important dates written down to keep yourself organized with your classes.
- Keep an organized binder → put all material given in class in your binder in the appropriate place. Have your binder in class and at home daily.
- Pay attention in class and participate.
- Ask questions or ask for clarification when you still don't understand something.
- Complete all homework → this is independent practice of what we've learned in class and will help to prepare you for assessments.
- Study for all tests → you will have a study guide before we go over them in class; complete the study guide and ask for clarification on parts you don't understand.
- Review! Review! Review!