

# Amite Westside Middle Magnet

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**Teacher:** Mrs. Karen McMorris **Email:** [karen.mcmorris@tangischools.org](mailto:karen.mcmorris@tangischools.org)

**Room:** 326

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## **Course Description:**

5th Project Based Science prepares students to take Algebra I in high school. A major goal of this course is for students to develop skills in expressions and equations, algebra and modeling, number and geometry measurement, statistics and probability, functions, geometry, numbers, and fractions.

Grade 8 mathematics is about (1) formulating and reasoning about expressions and equations, including modeling an association in bivariate data with a linear equation, and solving linear equations and systems of linear equations; (2) grasping the concept of a function and using functions to describe quantitative relationships; (3) analyzing two- and three-dimensional space and figures using distance, angle, similarity, and congruence, and understanding and applying the Pythagorean theorem.

## **Course Standards:**

The Louisiana Student Standards (LSS) for Mathematics call for a fresh approach to how mathematics education takes place in the classroom. Not only are teachers challenged to rethink math curriculum at every level, but it pushes students to strive to achieve ever higher expectations because college and career readiness is the goal for every student. The course is designed to be student-based rather than teacher-led.

## **Curriculum:**

Eureka Math Squared. Parent resources are available on TPSS district site: <https://www.tangischools.org/familytoolkit>.

## **Online Resources:**

Khan Academy [www.khanacademy.org](http://www.khanacademy.org)

- ❖ Search for the topic you need help with, and it will give you videos to assist you as well as practice activities.
- ❖ If you set-up an account, it will give you a short 10 question pretest to assess your level. It will then build lessons on what you need to work on.

Duane Habecker YouTube Videos for Eureka Math <https://www.youtube.com/user/dhabecker/videos>

Desmos <https://www.desmos.com/calculator>

Common Core Sheets <https://www.commoncoresheets.com/SortedByGrade.php?Sorted=8th#s1>

## **JCampus:**

Grades will be entered in JCampus by Wednesday at 8am. Students and parents should check their grades periodically as they are subject to change daily.

## **Remind:**

Remind will be used to communicate with parents. Remind will allow me to text, email, or post important documents for everyone in the class. Signing up is easy.

Download the app, and use the class code @dysonmath8. If you prefer to receive messages via text message, text the class code @dysonmath8 to 81010. If you are in math interventions, you will need to join @dysonint as well.

## **Google Classroom:**

This platform will be used throughout the year to access resources. Students can find the workbook, announcements, video links, and much more. It is especially important to check Google Classroom when I am absent.

## **Class Calendar:**

Throughout the year I will continuously update the class calendar. Parents and students will be able to see what lesson or assignments the student will be doing each day. The calendar will be posted in Remind for parents, and Google Classroom for students.

## **Planning/Collaboration:**

I will have planning hours each day from 11:04-12:51. If you request a conference or phone meeting, please do so within these hours.

### **Additional Supplies Needed:**

- 3-inch binder
- 1 pack of 5 dividers
- Sheet Protectors
- Loose-leaf paper (college ruled)
- Graph paper
- Highlighters
- Pencils
- Earbuds
- Colored pencils
- Dry erase marker (fine tip)

### **MYP Classroom Essential Agreement:**

1. Come to class prepared to learn.
2. Model a Positive Behavior.
3. Use quiet voices when appropriate.
4. Remain on task.
5. Be on time for class.
6. Report issues to an adult.
7. Use appropriate language/no profanity.
8. Keep your hands, feet, and other objects to yourself.
9. No cell phones allowed.

### **MYP Consequences:**

1. Warning/Redirection
2. Student-Teacher Conference and Parental Contact (plan developed, and signature required)
3. Family Conference
4. Parental Contact and Office Referral

**\*\*Note that severe offenses will result in an immediate discipline referral.**

### **Board-Approved Grading Scale:**

A 93% to 100%    B 85% to 92%    C 75% to 84%    D 67% to 74%    F 66% and below

### **Method of Assessments:**

Mastery of student objectives will be assessed throughout the lesson by implementing activities. TTW uses observation, Q & A, discussion, groups, and Kagan activities. An Exit Ticket will be given at the end of each lesson to measure the level of proficiency of each student based on the concept presented during class. The Eureka Square End-of-Module Assessment will measure the level of proficiency of each student based on the concepts presented in Modules 1-6. Module Assessments are graded for correctness. Students must complete each problem and show all work to earn full credit. I need to be able to see any errors so questions can be assessed.

### **Make-up Policy:**

All assignments will be posted in JCampus. When a student is absent, they should check JCampus for the assignment. Upon returning from an absence, the student will have the day they return to ask any clarifying question regarding the question. The assignment will be due the next class. (For example, the student is absent Monday and returns Tuesday. The assignments will be due on Wednesday.) It is the student's responsibility to check for make-ups. Students do not need to consult the teacher unless they have a clarifying question about the concepts and skills taught when they were absent. This must be done via email.

### **Homework:**

Problem Set will be given for homework. Also, if a student does not complete an assignment in class, they must complete the assignment at home. If additional homework is assigned, students will have the opportunity to start the assignment in class. Homework will not be graded for correctness, only for participation, but will be used as practice to assess student learning and growth.

Homework will be graded as follows per question:

- ✓ 2 points: Questions are complete, work shown, readable, and organized. Students show great effort and knowledge of content.
- ✓ 0 points: Homework was not turned in; questions are hardly correct, work hardly shown, incomplete, unreadable, and unorganized. Students show very little effort, didn't try and/or could have tried a lot harder.

Late homework will be put into JCampus as a "0" and noted as "missing" until the assignment is made up. Homework assignments will not be accepted no more than 2 days late.

### **Cheating:**

If a student is caught cheating, the assignment will be confiscated, the parent will be notified, and the student will receive a 0.

### **How to show work?**

- ❖ **All assessments will be required to show work on looseleaf paper. This is an additional grade that is added to the assessment score.**
- ❖ Explaining to the reader, in a step-by-step fashion, how you solved the problem from start to finish.
- ❖ Examples will be provided almost every day in the class notes and are also in textbook examples.
- ❖ If you are used to doing the work mentally, you need to learn to “write what you think”.
- ❖ If you must use a calculator:
  - o Write down the problem to be calculated as part of your work,
  - o Punch in what you’ve written to calculate your answer.
  - o Do the calculation twice to check your answer.
- ❖ If you can’t complete a problem, WRITE about it ... tell the reader how far you got with it, what you know about it, what strategies you tried, etc. Convince the reader you spent quality time trying to solve it.

“SUCCESS IS TO BE MEASURED NOT SO MUCH BY THE POSITION THAT ONE HAS REACHED IN LIFE AS BY THE OBSTACLES WHICH HE HAS OVERCOME WHILE TRYING TO SUCCEED.” –Booker T. Washington

Dear parent and student, if you have read and understand the syllabus for 8<sup>th</sup> Grade Mathematics, please sign and return this portion.

Student's Name (printed) \_\_\_\_\_

Student's Signature \_\_\_\_\_

Parent's Name (printed) \_\_\_\_\_

Parent's Signature \_\_\_\_\_

Parent's Phone # (home) \_\_\_\_\_ (cell) \_\_\_\_\_

Parent's Email address \_\_\_\_\_