

MATH ANALYSIS

2023 ---- Ms. Lory ---- 2024

Communication with the teacher

- 1 CLORY@OPUSD.ORG
- 2 VOICE MAIL 9086



Link to webpage

Support Times

Tuesday-Wednesday-Thursday
After period 5 or 6



I am so excited you are here and that we will be working together in Math Analysis this year! I LOVE my job, and I see it as part of my job to motivate you not only to do well in this

course, but in life. This means that I might get on your nerves sometimes, I might be a little too much- but that is OK! Let's communicate, let's work together and most of all, let's work hard. You'll never regret how hard you work in life!

Course Overview

This Math Analysis course is designed to expand a student's knowledge and understanding of functions and prepare for Calculus. We will explore multiple functions including polynomials, exponential, and logarithmic functions. Trigonometric functions and analytic trigonometry will be explored completely including graphs and applications. In addition to functions, we will look at other topics including sequences and series, parametric equations, polar functions, and probability.

★ Grades ★

Mastery	Assignments	Process
90%	10%	0%
Where you prove you know the content.	Another way to prove you know the content.	Work you do in order to master the content
Quizzes 10% Tests 60% Final 20%	In class work, book work	Notes, EdPuzzle
These grades are final as they are based on one-time performance.	These grades are final as they are based on accuracy and completion..	Learn from mistakes here to do well in mastery category

Class Rules

- Show respect for others and their belongings.
- Be on time with your materials.
- Use appropriate language.
- Do not eat or drink in the room (except water).

Late Work will be accepted for half credit if it is submitted before the unit test. **Absent work** will be due within one week for full credit. After that, the late work policy applies.

Tests/quizzes must be made up when you return. It can be scheduled during a free period, study hall, Zero Period, or it will be done during class time. Please email me if you are absent on a test day, in order to coordinate a time to take the test.

Flipped Classroom

What is traditionally in-class work (lecture or notes) is now at home, and what is traditionally done at home (homework or practice) is now done in the classroom. This means you have your teacher and classmates around for the harder aspects of this course. It's going to be great. You will watch 2-3 lessons as homework each week.

Google Classroom

Class announcements, videos, extra practice and assignments will be posted in Google Classroom unless directed otherwise. Assignments will NOT be submitted into Google, unless directed by Ms. Lory. Official scores and grades will be posted in Q.

Class Materials

- Binder Or part of large binder
- Chromebook with Ear Buds
- Graph paper (4 or 5 per inch)
- Ruler (6 or 12 inch)
- Pencils with erasers
- Highlighters
- Composition Book
- Notecards (optional)
- Graphing Calculator**

** Ms. Lory uses the Ti-84 CE to show examples in class. Please refer to the [Calculator Information webpage](#) for more information.

Mastery Course

LEARNING
IS NOT DONE TO YOU,
IT IS SOMETHING YOU
CHOOSE TO DO.
with godin

As you see on the front of this syllabus, almost your entire grade will be made up of your scores on quizzes and tests.

It is absolutely imperative that you put time and effort (focused effort) into your notes and activities. I have put my time, effort, and expertise into choosing or creating these materials because they are what I believe will best prepare you for Calculus, and therefore find success from this course. So, although you will not earn a direct grade on your notes, you will go nowhere in this course without that preparatory work.

As we embark on this journey in the Mastery Classroom together, I may decide that some changes are necessary so that students are putting forth proper effort and are held accountable for that effort. After all, I want to prepare you for life, not just success on a test.

Expectations

Be accountable. If you make a mistake, admit it, own it, tell me what you're going to do to fix it, and we'll both happily move on. If I make a mistake, I'll do the same.

Be a person of character: respect yourself and your work by not cheating or plagiarizing.* *Plagiarism is the act of misrepresenting someone else's ideas as your own. Copying ideas or text in any language from classmates, the internet, books, or published content will not be tolerated. Submitting someone else's work as your own for an assignment or cheating on a test will earn no credit and may require a parent/teacher/student conference.

Be respectful of your teacher, your classmates, and our time. We will have discussions in this class that will challenge your thinking. Remain respectful of everyone's beliefs. Also respect your and my time - be here on time everyday. If tardiness becomes a problem, my conferencing procedure will be implemented.

Be a communicator. If something's going on in your life that will affect your performance in class, or if you have any general concerns and/or constructive feedback about the class, please come talk to me directly about it.

IF YOU CHOOSE NOT TO LIVE UP TO THESE EXPECTATIONS, CONSEQUENCES WILL FOLLOW IN THE GENERAL ORDER OF A WARNING, CALL HOME/CONFERENCE, AND INVOLVING SCHOOL ADMINISTRATION.