# GEOMETRY and
# PRE-CALCULUS
**Teacher: Mrs. Connie Reyes**
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**2019-2020**

## CLASSROOM NORMS/RULES

**In order to achieve our primary goal which is to learn successfully the content of the Mathematics course that will get you ready for the next level course and onwards to college or career of your choice, we must ensure that we create a safe and productive environment and establish a relationship that is respectful, friendly and cooperative. For us to achieve this, we need to abide by the following norms/rules.**

- As soon as the second bell rings, the daily agenda will start rolling and everyone is expected to be on the assigned seat and doing the Warm-Up.
- Remain focused on each task. This means that you are actively listening, participating or copying notes. You are not engaging in any of the following disruptive acts which includes loud outside conversations, negative remarks, jumping-in to negative behaviors, cursing , instigating, disrespecting anybody.
- Raise your hand if you need to ask or to clarify something you don't understand.
- Turn off all cellphones (electronic devices alike) and keep them in your purse **or backpacks.** They are not to be used anytime during class time. **Cellphones are collected during the tests/quizzes.**
- DO NOT engage in any of the following:  playing /joking around, using unnecessary loud voices, standing-up excessively, going to the bathroom frequently, sleeping or bowing head and getting up near the door before the dismissal bell.

## REQUIREMENTS

- ● **HOMEWORK**

Each lesson will be followed-up by a homework for your practice.
You will use a **3-ring binder for taking down notes and writing down** your homework.
**HW** will be turned-in on Wednesday  or Thursday for grading and will be returned back for compilation together with your notes.
You need to show work/steps neatly to get full credit.
Late homework will not be fully credited and will be accepted until the test date  for which this homework is covered.

- **CLASSWORK**
  You are to turn in your classwork on the same day it is given. Remember that you are doing this not just for compliance but to check and develop your understanding of the lesson.

- **PARTICIPATION**
  This includes active participation during CFU, helping each other work-out questions/problems during classwork, volunteering to present work, cooperating during projects, taking down notes, complying with the classroom rules all the time and generally demonstrating positive attitude.

- **PROJECT**
  At least two projects per semester will be given.

- **TESTS/QUIZZES**
  Short Quizzes (15 min.) are given after each lesson and Unit Tests (45-60 min.) every two weeks. Cellphones are collected during these times.

## CLASSROOM POLICIES

- **NOTE-TAKING**
  Use a 3-ring binder to copy lecture notes completely and neatly. Insert the hand-outs properly. This will be helpful in doing your homework and **reviewing** for a test. Also, your notes will be requested whenever you ask for help about a past lesson. If you have none it will be counted against participation points.

- **BATHROOM BREAK**
  Use the bathroom pass, sign your name on the bathroom log and limit 3-4 min. Frequent bathroom breaks due to medical condition needs parent consent.

- **ABSENCES**
  You are responsible to know what you missed. Refer to the Homework/Classwork Chart to find any that you missed. **Ask help from your buddy in class or see teacher after-school.** Make sure to do your catch-ups since **y**ou will not be excused from taking a test because of your absence/s.

- **MATERIALS**
  Bring your module, 3-ring binder, scientific calculator, pencil with eraser and two colored pens everyday.

- **NO CELLPHONE POLICY**
  **You are to keep your cellphones OFF/Silent Mode during the whole class period.**

▪ **HELP**

Conference time which includes catch-up work, verification of grades, follow-up questions and make-ups are done on Wednesday and Thursday after school.

Long tutorials are done at our library from 3:30-5:30 Monday to Thursday.

| GRADE CATEGORIES | | GRADE SCALE | |
|---|---|---|---|
| Quizzes and Unit Tests | 65% | A- to A+ | 90%-100% |
| Final Exam | 10% | B- to B+ | 80%-89% |
| Homework / Classwork/Notes | 20% | C- to C+ | 70%-79% |
| Project | 5% | D- to D+ | 60%-69% |
| | | **F** | **Below 60%** |

**DISCIPLINE**

Consequences for students who break the classroom norms/rules/poli**cies** and school rules.

● Warning
● Referral with Parent Call
● Student-Teacher-Parent-Conference
● **Behavior Contract**


**Dear Parents and/or Guardians,**

**It is my pleasure to teach your child this school-year, 2019-2020. I am both excited and enthusiastic as your child works with me towards learning his/her Mathematics course.**

**I also would like to ask your support in one way or another such as checking if he/she is doing homework, visiting his/her binder to see if he/she is copying lesson notes, making sure he/she is reviewing for the tests and checking his/her progress on the Aeries.**

**I will truly appreciate your partnership and active involvement towards achieving our goal which is to make him/her be successful in learning his/her Math course.**

**Sincerely,**

**Ms. Connie Reyes**

**Phone: (510) 618-4600 ext. 2251**
**E-mail: creyes@slusd.us**

**Textbook:   EUREKA MATH**
**Reference Textbook for <u>Geometry- McDougal Littel</u>l**
**Reference Textbook for PreCalculus- Larson,Hostetler**
 **Online References :**
      **Homework Helper- Eureka (under parent tab)**
      **Khan Academy.org**
      **Edgenuity**
      **Google the lesson topic**

## <u>Course Outline for Pre-Calculus</u>

**Module 1: Complex Numbers and Transformations**
**Module 2: Vectors and Matrices**
**Module 3: Rational and Exponential Functions**
**Module 4: Trigonometry**
**Module 5: Probability and Statistics**


# Note: <u>We will start with Module 3 and take Modules 1 and 2 in the 2nd sem.</u>


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*Note: Pls. detach the below and return to teacher on Monday. Keep the syllabus/classroom mgt. plan for your reference.*

    **I have read and understood the contents of Ms. Reyes'**
  **Classroom Management Plan.**

**Student Name _____ Signature_____**
**Course and Period _____**

**Parent/Guardian_____ Signature_____**

**Date Signed: _____**

## Course Outline for ADV. ALGEBRA with Trigonometry
**Module 1: Polynomial, Rational, and Radical Relationships**
**Module 2: Trigonometric Functions**
**Module 3: Exponential and Logarithmic Functions**
**Module 4: Inferences and Conclusions from Data**


## Course Outline for Pre-Calculus

**Module 1: Complex Numbers and Transformations**
**Module 2: Vectors and Matrices**
**Module 3: Rational and Exponential Functions**
**Module 4: Trigonometry**
**Module 5: Probability and Statistics**

# Course Outline of Geometry
**Module 1: Congruence,Proofs and Constructions**
**Module 2: Similarity,Proof and Trigonometry**
**Module 3: Extending to Three Dimensions**
**Module 4: Connecting Algebra and Geometry Through Coordinates**
**Module 5: Circles With and Without Coordinates**

**Textbook:    EUREKA MATH**
**Reference Textbook for Geometry- McDougal Littell**
**REference Textbook for PreCalculus- Larson,Hostettler**

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