**Vashon High School College Algebra Syllabus**



Welcome to Mrs. Thomas College Algebra Class!

**Course Description:** College Algebra is a course on function properties and graphs; inverse functions; linear, quadratic, polynomial, rational, exponential and logarithmic functions with applications; systems of equations; trigonometric functions and graphs; inverse trigonometric functions; fundamental identities and angle formulas; solving equations; triangles with applications; polar coordinate systems.

**College Algebra Outline:**

Topic 1: Equations and Inequalities

Topic 2: Graphs and Functions

Topic 3: Polynomials and Rational Functions

Topic 4: Inverse, Exponential, and Logarithmic Functions

Topic 5: Systems and Matrices

Topic 6: Analytic Geometry

**Classroom Policies and Procedures for in class learning:**

* Technology Policy – Phones and headphone ARE NOT permitted in class. School-wide policy. **YOU ARE REQUIRED TO HAVE A LAPTOP FOR THIS CLASS!!!**
* Food Policy – No food or drink is permitted in the classroom unless given by Mrs. Thomas.
* Assessment Policy – Talking is NOT allowed during exit slip assignments and tests. If you are caught talking during these times, you will receive a zero on that assessment.
* Tardy Policy – If you are more than 2 minutes tardy to class, you will receive a zero on your Do Now assignment for that day. If you are more than 5 minutes tardy, you will not be allowed to enter the classroom unless you have a pass.
* Hall Pass Policy – No pass 1st or last 15 minutes of class. No pass the last 30 minutes of 4th/8th period. You have 5 minutes passing periods. That is enough time to use the restroom. I will not stop instruction to give a pass.
* Attendance Policy: Be present and on time to class every day. If you are absent, you will have a designated area in the classroom where you can find copies of handouts from the previous class period. It is imperative that you obtain these copies as soon as you return to school.
* Clean Your Area: Our classroom should stay neat and clean. Before you leave your area around your desk and on top of your desk should be clean. No scrap paper, pencils, pen should be left behind. All chairs should be pushed under the desk. Make sure no paper, crumbs or anything is on the food.

**Daily Procedures**![MC900232723[1]]()**:**

**Be quietly in your seat working on your Do Now as soon as class begins each day.**

1. Take notes daily during lesson instruction. The rule for note taking: *If I write it down, it is important!!!* Use these notes as your guide to complete homework assignments and study for assessments.
2. When I am teaching, please be quiet, raise your hand if you have any questions.
3. Do your homework – In mathematics, to learn the skills, you must PRACTICE the skills. We will spend time at the beginning of class each day to discuss the homework, and if you have completed work, it will allow you to ask questions and seek clarification if needed. If you fall behind in your homework, it will become very difficult to catch up. Most all homework is on MyMathLab.
4. **It is required for all students to show work on every problem in College Algebra in order to earn credit on formative and summative assessments.**
5. **Study** for all quizzes and tests. Make flash cards, review your notes, and do extra practice problems to make sure you know each concept.
6. Come to class ready to work and learn every day and have a positive attitude about learning Algebra. Be actively engaged in each lesson – you will only get out of this class what you put into it.

**Student Expectations**

In order to be successful in this class, you must master the 5 R’s of the classroom:

* RESPECTFUL – I respect my teacher, my classmates, my classroom and myself.
* Responsible – I take control of my learning and try to do what is best for others and myself.
* Resilient – I never give up or let my feelings get in the way of learning new things.
* Reflective – I review what I have done and take pride in making it better.
* Ready – I am prepared and excited to learn. I want to learn, and I always give my best effort!

**2022-2023 Bell Schedule**

* **1st & 5th Periods** 8:10am – 9:30am
* **Advisory** 9:35 am – 10:15am
* **2nd & 6th Period** 10:20am – 11:40 am
* **3rd & 7th Period** 11:45 am – 1:05pm
* **Junior/Senior Lunch 1:05**pm – 1:35pm
* **4th & 8th Period** 1:40 pm - 3:02 pm

**Communication:** All parents with Internet access available will have the ability to monitor progress and check student grades and missing assignments at any time (24 hours a day, 7 days a week) using SIS. The school will provide you with a username and password in order to access grades and monitor progress. Contact me (via email) if you have specific questions or concerns about student progress.

**College Algebra Grading Policies:** Grades will be calculated using the following system.

Class Assignments (Do Nows, Practice work, Exit Slips) 25%

Homework 25%

Quiz 25%

Tests 25%

\*\*\*I DO NOT offer “extra credit”. Complete the regular credit assignments, and you won’t NEED extra credit!

**Majority of practice work, quiz, and test will be done on MyMathLab** <https://www.pearsonmylabandmastering.com/northamerica/mymathlab/>

**Grading Scale:**

**Teacher Contact Information**

 Mrs. Thomas

Email: Natasha.Thomas@slps.org

90-100% = A

80-89% = B

70-79% = C

60-69% = D

0-59% = F

I look forward to a great year!!! Please let me know if there is anything that I can help with, or for any

questions that you have. Contact me: Natasha.Thomas@slps.org

Both student and parent/guardian must sign to show that you have read the syllabus.

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Student \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Parent \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Anything you would like me to know about your child: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

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Please put the best way to contact parent/guardian \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_