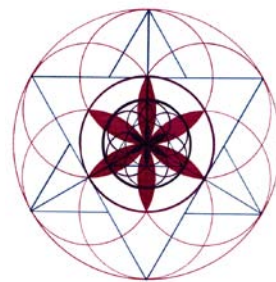




Da Vinci High School
Course Syllabus
Integrated Math II
Design Academy



Ms. Casillas

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About Me: I grew up in Inglewood, California and earned a B.S. in Mathematics with an Education Option from Cal State Dominguez Hills in 2011. I started graduate school in September 2011 and I earned my Masters of Arts in Education and my Preliminary California teaching credential in 2012. I enjoy spending time with my husband and my two dogs, Dodger (Shih tzu) and Petey (pit bull).

Course Description: This course is challenging in order to ensure that students have the necessary pre-requisite skills to be successful in math the following year as well as in future college-level mathematics. The course is comprised of daily in-class investigations and independent computer work. In-class investigations will focus on honing students' comprehension of the following essential skills:

| Semester 1 Essential Skills | Semester 2 Essential Skills |
|-----------------------------------|------------------------------|
| Geometry | Algebra 2 |
| Geometry Basics | Quadratic Equations |
| Similarity | Functions |
| Circles | Introduction to Trigonometry |
| Geometric Measurement & Dimension | |

Office Hours: Wednesday – Thursday 4–5 pm.

Materials: You are required to bring your course materials **every** class period. The following materials are required for the course:

- 1-subject notebook (2)
- pencils and erasers (**NO PENS**)
- gluestick
- highlighters (at least two colors)

Homework/Classwork

- a. Homework/classwork will be assigned is expected to be completed. Homework will be collected and stamped for completion and quality every two weeks. Incomplete (missing more than 2 problems) or low quality homework will not be stamped and will be given a 0 in the grade book and labeled as missing. You can complete the assignment prior to the **end of the unit** for partial credit. Grades will permanently stay a 0 if the student does not turn in the missing assignment by the end of the unit. It is the student's responsibility to reach out to the teacher if they are absent.
*****You will lose Habits of Mind (which accounts for 10% of your overall grade)*****
- b. Students who receive a grade of 2 or below on a final exam **MUST** re-take the final exam within 2 weeks after the original assessment date. After a 2 week lapse from the original due date, grade is irrevocable. Retakes are not available for quick checks.

Class-wide Policies: 100% effort is defined as follows:

- 1) **Respect** – 100% attention and silence is required and expected when the teacher or a classmate is talking and sharing their thoughts.
- 2) **Messiness** – You are responsible for ensuring that your workspace is clean at the end of each day. You will forfeit habit of mind points for any infractions.
- 3) **Food and Drink** – Food is NOT allowed in class (with exceptions). Irresponsible behavior:
 - a. Any disruptions involving food and drink.
 - b. Not cleaning up after yourself.**
- 4) **Electronic devices** – Use of electronic devices is **not** permitted unless specifically indicated. Electronic devices will be confiscated. Repeated offenders will be required to have their parents pick them up at the front office. You may not charge your phone in class.
- 5) **Tardiness** – You must be in your assigned seat at the start of class.
- 6) **Outside work** – Outside work will be confiscated.

Working in Groups: You will participate in numerous team-based investigations throughout this course.

The following represent the norms for working in groups:

- No talking outside your team
- Discuss questions with your team before calling me (**3B4ME**)
- Keep team conversations on math
- You **must** help everyone in your study team who asks a question
- Helping your teammate does not mean giving answers
- Explain your ideas with reason (always justify your work)
- Do not leave anyone behind or let anyone work ahead
- Clear off tables before getting to work so you can see everyone's paper
- You must use study team voices

Grading: Your grade for this course will depend on your performance in several categories: essential skills and knowledge (which includes your exams, quizzes, homework evaluations, projects, presentations, and lab work), Habits of Mind (accountability, collaboration, quality), and 21st Century Design Skills.

| | | |
|---|---|---|
| Skills & Knowledge: 80% | 4 | A |
| Habits of Mind: 10% | 3 | B |
| 21st Century Design Skills: 10% | 2 | C |
| | 1 | I |
| | 0 | I |

Individual assignments will be graded on the following four-point scale:

| | | |
|-----|---|--|
| 4.0 | A | Detailed Understanding and Connections |
| 3.0 | B | Solid Understanding |
| 2.0 | C | Partial Understanding |
| 1.0 | I | Does not Demonstrate Understanding |
| 0.0 | I | No evidence/missing work |

Math Contract

By signing below, you understand and agree to follow the rules and expectations outlined above.

| | | |
|----------------------|-------------------|------|
| Student Name (print) | Student Signature | Date |
|----------------------|-------------------|------|

| | | |
|---------------------------------|------------------------------|------|
| Parent or Guardian Name (print) | Parent or Guardian Signature | Date |
|---------------------------------|------------------------------|------|

| | |
|---------------------------------|-----------------------------------|
| Parent or Guardian Phone Number | Parent or Guardian E-mail Address |
|---------------------------------|-----------------------------------|

Please circle the preferred means of parent communication. Email Phone

I look forward to working with you this year.