

DA VINCI DESIGN GRADE 12

**FAMILY
NEWSLETTER
OCTOBER
2019**



WELCOME TO SENIOR YEAR!

Stay tuned for monthly updates. Each month, the 12th grade team will publish a newsletter to keep you informed. You can find this newsletter on DVD's blog @ dvd.davincischools.org

If you would like to receive this monthly blog via e-mail please request by e-mailing Frank Solis at fsolis@davincischools.org

ANNOUNCEMENTS

**No School (PD day)
Friday, October 18**

October All-Star
Excellent School
Spirit



Gloria Perez

GOVERNMENT

Students are learning about their civil liberties by thoroughly studying the Bill of Rights and engaging in a US Supreme Court Moot Court Project. Students will develop an oral argument that answers a constitutional question and present their argument before the "US Supreme Court". Presentations will run from October 23-29. Students are learning the answers of many constitutional questions that deal with search and seizure, free speech and religion, civil rights and other civil liberties.



Frank Solis
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STATISTICS

In Statistics we have recently learned about percentiles, ogives, and z-scores. We have learned how z-scores are useful for comparing data values that came from different data sets, so we can say which was more unusual. As we have almost finished Chapter 1, the students will soon be assigned a summative project. In the project, students will identify and record a real-world data set, then apply to that data all the concepts we have discussed so far. We will soon begin Chapter 2 as well, in which we will discuss two-variable data.



Austin Anderson
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CALCULUS

In Calculus, we have recently been discussing the relationship between distance and velocity. We are about to review and expand upon approximations for the area under the curve, and then we will learn about limits and continuity. These two concepts will later combine to help find the exact area under the curve, which is one of the key concepts of calculus. By the end of the semester, the students will know enough calculus that they will answer their POL on the topic, "What is calculus? And what is it good for?"

PSYCHOLOGY

In Psychology, we've done a deep dive into the brain! We have made paper mache brains in class, done an in-depth sheep brain dissection, and made playdough brains as well! We will be doing a project on how drugs work in the brain and examine neuronal (brain cell) structure and function in this project as well. Brain Rules group presentations will take place from October 23rd - November 4th.



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ENGLISH

Students are getting ready to read Fahrenheit 451 by Ray Bradbury. As we read the novel, we will regularly consider persuasion and the influence that censorship has on our perception of the world we live in. As always, we will continue to develop strong writing skills throughout the unit through in-class quick writes and written assignments.



Megan Fowler-Mendoza
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COLLEGE AND CAREER READINESS

In our writing unit for the month of October students will be working on their personal college narratives. We have looked at advice from several college admission officers about producing work that will highlight each student's individual experience in the best possible way for an admissions essay. We have read several college writing submission samples in class to allow students to gauge the quality of work that has been submitted to colleges.



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ARCHITECTURE

Students will research famous architects and create a 3D poster about the architect and their style. Students will also continue learning about computer aided drafting and create a small Habitat for Humanity house using the software AutoCAD Revit. They also will research and analyze building codes/safety requirements and the Habitat for Humanity guidelines. Students will also start their exhibition project that revolves around Casino Building design and how psychology is incorporated in Architecture.



Katherine Simon
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GRAPHIC DESIGN

October kicks off with a deep dive into the world of theme park design. Students are tasked with creating a concept design for their very own entertainment theme park. Following in the steps of Walt Disney the students are tasked with forming a park design as an original concept or producing a design that would focus around an industry connection. Example being that of Dragon Ball Z land or Horror Film World. Once finished students will create a map detailing the theme park and its attractions that they will present to the class and a special guest industry.



Ralph Villalobos
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COUNSELORS

Counselors have completed one-on-one Sr Family meetings. Seniors have moved into the application process -- working on CSU, UC, and private university applications. Personal essays and supplemental responses require multiple drafts before perfection, so please remind students to be patient. Students who are working towards the November 1st deadline for Early Action are required to meet with their counselor more frequently. Students who still need to register for the SAT or ACT, please check with counselors for registration deadlines.