

DA VINCI DESIGN GRADE 12

**FAMILY
NEWSLETTER
JANUARY
2020**



ANNOUNCEMENTS

Look out for a Senior Project Parent Letter that will go out on February 10.

There will be a Senior Project Parent Info Night on March 24. More details to come.

SENIOR PROJECTS

Senior projects are coming! Senior projects are a Da Vinci Design signature practice where students design their own project and implement it in the last six weeks of school. Stay tuned for more information.

GOVERNMENT

In economics students are learning about the fundamentals of economics. They are defining economics and learning why we study economics by investigating the concepts of scarcity and opportunity cost. Students will also dive into supply and demand by creating models.



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STATISTICS

In statistics we are now studying two-variable categorical data, calculating conditional probabilities to determine association. We will soon be discussing the problem of false positives and later using a probability tree to investigate more than two variables.



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CALCULUS

In calculus we are currently studying in depth the relationship between a function and its first and second derivatives, particularly what they have to do with key features of the original function's graph. We will soon be investigating differentiability.

PSYCHOLOGY

In Psychology, we have focused on goals for this year. Students made a vision board with their goals, values and motivations. In the coming weeks, we will research the importance of sleep. Students will research sleep and dreaming and prepare a poster and deliver a presentation about sleep to the class. Students will also put together PSA video about the importance of sleep. After the sleep project, we will be moving into abnormal psychology and working to reduce the stigma around mental illness.



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ENGLISH

Students are starting 'A Midsummer Night's Dream' by William Shakespeare. They will also be writing a brief research paper not connected to the reading assignment. To work through their research paper, students will create a research journal to keep and possibly use for future papers.



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COLLEGE AND CAREER READINESS

Students started spring semester with a continuation of their career exploration presentations where they research a professional of their choice and present what they learned to their peers. As we begin spring semester we will begin to delve more into career related topics such as resumes, cover letter writing and interviewing skills and strategies.



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ARCHITECTURE

Students will learn about Habitat for Humanity and began create their own house design using AutoCAD Revit and the Habitat for Humanity construction guidelines/residential codes. They will also continue doing small building projects that relate to architectural design theory.



Katherine Simon
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GRAPHIC DESIGN

Students will be working on their mural project submission in association with the Montessori schools. The final pieces will be brought to life in a mural painting at the school itself. The other half of the seniors will be working on the warhol project. The honors students will be embarking on their first major la museum visit and report. taking photos and producing a slide show report to present in class.



Ralph Villalobos
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COUNSELORS

Welcome back! Seniors are in the process of completing any additional college applications that are due Jan/Feb. Congrats to some Seniors who have been accepted to colleges already! Please have students update Naviance with their acceptances! If families have not completed the FAFSA to date, please know that the deadline is March 2nd.