

Design & Innovation Courses 2019-2020

Electives:

Artist's Workshop - Mrs. Hunker

Use professional quality art supplies and learn a variety of sophisticated techniques as you produce your own masterpieces in Prismacolor pencil, pastels, charcoal and watercolors. Students will enjoy a unique synergy with an artistically stimulating peer group.

Film (Grades 7 & 8 Only) - Mrs. Schramm

What makes a movie a work of art? During the first trimester we'll explore a bit of film history but concentrate more on the artistry behind the images on the screen. Then we'll move on to the nuts and bolts of what makes a movie a movie: cinematography, sound, music, screenwriting, and film editing. During the third trimester, the students will be making films of their own.

FIRST LEGO League Robotics Elective - Mrs. Trout

If you share a love for robotics, join Mrs. Trout's *FIRST*® *LEGO*® League robotics team! We would like to have a diverse group of 10 students participate in the 2019-20 competition season. *FIRST*® *LEGO*® League gives students the chance to develop, design, build, and code *MINDSTORMS*® EV3 robots to perform autonomous "missions" on a themed playing field and design innovative solutions to a real-world problem inspired by an annual theme. The theme for the 2019/20 season is "City Shaper."

Girl Rising (moving from Club to an Elective) - Mrs. Stanley & Mrs. Watts

The mission of Girl Rising is to change the image the world has of girls to a stronger, better one, more reflective of the gender.

Statement of purpose: The Girl Rising Club will focus on the power that women have to transform the world. We will examine and create opportunities that empower women and role models for change.

Our goals: Make a difference for girls in areas of the world that we can have a connection with. Learn about issues that affect women worldwide and the ways these issues impact the world. Learn tested solutions for helping women: economic empowerment, micro-finance, education, etc. Determine our own personal area of passion and together, organize a service event to build community awareness of the problems women and girls face.

Visit girlrising.com or the Rhoades chapter at <http://agirlrisingclub.weebly.com/> for more information.

Genius Hour - Ms. Bologna

In Genius Hour students are allowed to explore their own passions and creativity in the classroom. Students choose what they want to learn: their “passion project”. Students research their topic of choice and create a product that will be shared with the school. Students in grades 7 and 8 will also have the opportunity to participate in Future Cities should they choose or to use elective time to work on science fair projects.

Music Composition and Technology - Mr. Florentine

Students will write, compose and record their own music using Garage Band and MIDI. Mr. Florentine’s in-depth experience running his own recording studio will enhance students’ understanding of the music industry. Some activities will include: creating music for commercials, movies and collaborating with students in the film class.

Theater - Mrs. Crews

Students will develop the basic concepts of theater arts. Students will use various creative drama techniques to build confidence and trust, stimulate imagination, movement and role-play. Students will learn and use drama and theater vocabulary in class discussions. Students will have the opportunity to showcase their work with the middle school and beyond.

Clubs:

Juegos en Español (Spanish Games Club) - Sra. Rozas

Do you like playing board games? Do you like Spanish? If you answered yes to these two questions, then this is your club. In the Spanish Games Club, you finally will have time to play Scrabble in Spanish! You will also discover how to play other traditional Spanish board games like Lotería, Parchís, La Oca, ¡Basta!, etc.

Math Club - Mrs. Swayze

Our math club will promote mathematics achievement through fun and engaging games and activities. Students will have the opportunity to participate in national, local and online math contests. We will also explore the beauty of math through hands-on creative projects involving fractals, platonic solids, string designs, and other geometric curiosities. Finally, Rhoades math students are also members of the national MATHCOUNTS club, with the potential to earn school rewards through the creation of a math related team project.

Poetry Café - Ms. Bologna

How does a poem mean? A poem is not so much “what” it means, but rather, “how” it means. In essence, the poet’s words should spark “how” they are making you feel.

Strength & Conditioning (Grades 7 & 8 Only) - Mr. Dei

Did you know that exercise encourages your brain to work at optimum capacity by causing nerve cells to multiply, strengthening their interconnections and protecting the brain from damage? The Institute of Medicine also asserts “children who are more active show greater attention, have faster cognitive processing speed, and perform better on standardized academic tests than children who are less active.”

Come get active while you learn about the body through different strength and conditioning exercises, techniques, and programs. Experience the many benefits of exercise and wellness in this unique club led by Mr. Dei, in our fitness center.

Sustainable Gardening - Mrs. Watts

In this club, an offshoot of the Composting Team’s efforts, YOU will be the founding gardeners of The Rhoades School!

Come help us compost, learn about sustainable gardening, and get your hands dirty in the garden and our new greenhouse! You will continue as ambassadors of our service learning theme of sustainability and reducing food waste to our entire school community by promoting campus-wide composting. Plant and watch vegetables grow, harvest and give back to our local community.