

DESIGN



ART

SCIENCE

Engineering

THEATER

CODE

MUSIC

Innovation happens at the intersections between disciplines, people, & ways of thinking about the world.

LEARN MORE & APPLY ONLINE:
deerfield.edu/experimentory

Architecture

FILM



DISCOVER THIS SUMMER! MORE



JULY 9 - AUGUST 5, 2017

MAXIMIZE YOUR CREATIVITY & CHARACTER

INTERDISCIPLINARY LEARNING FOR DESIGN THINKING & COLLABORATION

APPLY ONLINE TODAY:
deerfield.edu/experimentory

The Experimentory Clusters

Don't just learn subjects—learn the questions that drive them. The Experimentory at Deerfield Academy will invite students to select two of the three program clusters, splitting the day into morning and afternoon sessions designed to celebrate discovery through an interdisciplinary curriculum.

Comedy, Tragedy, and Circuitry: Theater + Electronics

Celebrate creativity by blurring the lines between art and engineering. Students will learn to design both circuits and stage sets, to write code, and to find their voice on stage by pushing through stage fright. Every student will experience all aspects of theater production and will leave with an increased knowledge of performance and electronics

>>POTENTIAL PROJECTS:

- ' **Freeze-Frame:** Perform your favorite story on stage . . . with a little added challenge. First: No dialogue. Second: Only five scenes. Oh, and one more thing: Each scene is only one second long as a strobe light (that you've programmed) flickers to pace the action. By producing the stage equivalent of a five panel comic, you'll discover how extreme constraints can sharpen creativity.
- ' **Wherefore art thou, C3PO?:** Theater isn't just the words in the script; actors tell the story through their emotions and movement. In this project, you will dissect a favorite movie scene into parts to reassemble them into something entirely new. Program two robotic actors to follow your movement plan across the stage. Then voice over the dialogue, adding personality and feeling to your expressionless robots.



Structures for Society: Culture + Architecture and Design

Explore global cultures and celebrate the aesthetics that make them unique. One day might start by drawing Doric and Ionic columns before reading a Greek myth and diving into the Pantheon of Deities. On another day class may begin with a conversation about the global popularity of soccer (football) before diving into the finer points of stadium design and how to address the culture of fans.

>>POTENTIAL PROJECTS:

- ' **Whispering Walls:** Have you ever heard someone say, "If these walls could talk . . ." Here's a secret: they do. Buildings are conversations between architects, environment, building owners, and history. You'll learn to eavesdrop on these conversations by examining and sketching the historic buildings of Deerfield and then reproducing them virtually using architectural software.

Read more about these
course clusters and other
possible projects online:
deerfield.edu/experimentory

Storytelling for the Eyes and Ears: Music Composition + Film Production

Learn the fundamentals of visual and musical literacy, as well as the basics of film and music analysis. Students will work on a wide range of projects designed to teach them creative discipline—from conception to production. They will face the same experimental, organizational, and entrepreneurial challenges that musicians and filmmakers encounter, making the joy of production taste that much sweeter.

>>POTENTIAL PROJECTS:

- ' **The Sounds of Emotion:** How might a guitar weep, a drum chuckle, or a trumpet blush? We often make music to show our emotions and listen to music to feel emotions. Explore that interplay as you compose music to express and transmit joy, despair, anxiety, hope, and more. Finally, you will film stories that will accompany and enhance your compositions.
- ' **Premiere:** In your final project, you will do it all: create a one-act movie that is written, filmed, acted, scored, and edited entirely by your student team. You'll end with a gala viewing party with parents and friends. Red carpet optional.

