

NEED MORE INFO?

PLEASE CONTACT:

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\$80 PER CAMP SESSION
[Camp t-shirt included]

Camps at DPHS South Campus
and Fairmont Junior High

Morning Sessions: 8:30 AM - 11:30 AM

Afternoon Sessions: 12:30 PM - 3:30 PM

Class and registration info inside!



CLASS DESCRIPTIONS

ALL JR. HIGH CAMPS ARE APPROPRIATE FOR GRADES 6-8

Basic Gaming Development - So, you want to design and develop video games, huh? In this session, students will expand their programming knowledge and skills by applying what they've earned in video game design and development projects in text-based programming environments, such as Swift Playgrounds, Code Combat, and Unreal Gaming Engine - a multi-platform game development engine designed by Epic Games that has been used to create popular games like Fortnite.

Creating Art (PM ONLY) - Student artists, who have completed grades 6-8, will explore and experiment with fun new processes to create original works of art using watercolor, chalk pastel, markers, paint, cut paper, printmaking, sculpture, and more!

Escape Room - Can you escape? Escape the summer heat and take on a series of themed escape rooms. These are adventure games in which players solve a series of puzzles and riddles using clue, hints and strategy to complete the objectives at hand. Reveal clues and solve mysteries that will help your team complete each given mission and find the key to escape. Learn how to create your own that will challenge your friends and family.

Introduction to Coding - Demand for people with Computer Science skills is at an all-time high and continues to grow at a rapid rate. App development for mobile devices, video game design and development, web design, and robotics are just some examples of 21st Century industries that require software programmers. The world runs on code, making it a truly universal language. This session will introduce students to basic programming concepts, like iteration (loops), conditional statements, logic operators, and functions, through learning platforms, such as Code.org, Alice, Scratch, Snap!, Kodu Game Lab, and Blockly - a JavaScript-based drag-and-drop programming language developed by Google. Students will apply their knowledge as they control and fly drones!

Introduction to Robotics Engineering - The design, development, and automation of machines is the way of life in our 21st Century world. Smartphones, automobiles, gaming consoles, home appliances, and even thermostats feature robotics engineering and mechanical innovation. All around the world, companies like Samsung, Apple, Google, Microsoft, Ford, General Motors, Boeing, and even NASA are looking for hardware designers and mechanical engineers who will revolutionize their respective industries. In this session, students will be introduced to the basics of Robotics Engineering through the BoE-Bots platform. Students will design, build, and learn how to use breadboards and electrical components as they program Arduino-powered robots.

REGISTRATION FORM

Student Name: _____

School: _____

Grade Next Year: _____ **T-Shirt Size:** _____

Parent Name: _____

Phone Number: _____

Please mark your selection(s) below:

- ____ June 3 - June 6 [AM] - Intro to Coding @ DPHS South Campus
- ____ June 3 - June 6 [PM] - Intro to Robotics Engineering @ DPHS South Campus
- ____ June 10 - June 13 [AM] - Basic Gaming Development @ Fairmont Junior High
- ____ June 10 - June 13 [PM] - Escape Room @ Fairmont Junior High
- ____ July 15 - July 18 [PM ONLY] - Creating Art @ Fairmont Junior High
- ____ July 22 - July 25 [PM ONLY] - Creating Art @ Fairmont Junior High

\$80.00 PER CAMP SESSION

Please return completed registration form to:

Deer Park ISD Technology Building, 301 West P Street, Deer Park 77536

Payment Options: Pay online at <http://www.myschoolbucks.com>

or with a check made payable to Deer Park ISD.

