

# Kea'au Middle School Summer Enrichment Program 2019 for Current 6th and 7th Graders



JUNE 17th - 21st, 2019

	M, T, Th, F	M, T, Th, F	M, T, Th, F	M, T, Th, F	M, T, Th, F	M, T, Th, F
8:00a - 11:00a	Code Breakers	Cyber Security	Geocaching	Unmanned Aerial Vehicle (Drones)	Photography/Videography	3D Modeling
30 min. lunch break						
11:30a- 1:00p	Course Code: ENR1139-002	Course Code: ENR1171-001	Course Code: ENR1172-001	Course Code: ENR1400-002	Course Code: ENR1173-001	Course Code: ENR1174-001

JUNE 24th - 28th, 2019

	M, T, Th, F	M, T, Th, F	M, T, Th, F	M, T, Th, F	M, T, Th, F	M, T, Th, F
8:00a - 11:00a	Code Breakers	Cyber Security	Geocaching	Unmanned Aerial Vehicle (Drones)	Photography/Videography	3D Modeling
30 min. lunch break						
11:30a- 1:00p	Course Code: ENR1139-003	Course Code: ENR1171-002	Course Code: ENR1172-002	Course Code: ENR1400-003	Course Code: ENR1173-002	Course Code: ENR1174-002

JUNE 19th & 26th, 2019

## WEDNESDAY

8:00a - 11:00a

Career Connected Learning

30 min. lunch break

11:30a - 1:00p

Course Code:  
ENR1175

- Students must register for one class per week.
- Space is limited. Spots will be filled on a first come, first serve basis.
- Registration is limited to KMS current 6th & 7th graders only.

### For more information:

Call: (808) 934-2700 or  
Kea'au Middle School at (808) 313-4886



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hawaii.hawaii.edu/edvance (808) 934-2700

# Kea'au Middle School Summer Program 2019

## COURSE DESCRIPTIONS

### **CODE BREAKERS (MAX: 20)**

Calling all future coders, programmers, & designers! Learn the basics of coding languages like HTML, JavaScript, and CSS through a series of web projects and design challenges each day and be on your way to becoming the next tech star! whether you want to be a silicon valley CEO or the high school student who just made \$1 million dollars for programming in her bedroom, this course has the essential you need to begin your journey. Projects will be available on a Black Rocket website to share with friends and family. Students will work in pairs or teams for most of the program. Returning students can create more advanced projects that build on previous years.

### **UAV FLIGHT ACADEMY: BEGINNING DRONE PROGRAM (MAX: 16)**

Curious about drones? Know about drones and want to gain more knowledge and flight experience? Join our team of drone experts while they cover laws and regulations, flight checklists, and ethical operation. This class will include hands-on fly time, too!

**PHOTOGRAPHY/ VIDEOGRAPHY (MAX: 16)** In such a digital world with social media platforms like Instagram, photography and videography have become ways to highlight things in our life. Learn applicable techniques for taking quality pictures.

### **GEOCACHING (MAX: 15)**

Learn the basic principles and skills of Geocaching, GPS and Coordinate Systems. Learn how to navigate through different landscapes, Google Earth, improve math, logic, and problem-solving skills. Practice community etiquette and promote small-group work through geocaching. Strengthen other skills associated with geocaching including literacy, numeracy, information and communication technology competence, critical and creative thinking, personal and social competence, and ethical behavior.

### **CYBER SECURITY (MAX: 15)**

Data and network breaches happen so often, it has become a question of 'when', not 'if', and organization will face their next security challenge. Cybersecurity professionals now hold some of the most critical roles in the modern workplace. As technology and the internet become a bigger part of our daily lives, cybersecurity becomes more essential for our privacy and safety. It is a challenging but rewarding industry. Develop in-demand technology skills with an expert instructor from the field.

### **3D MODELING (MAX: 15)**

Learn how to use Sketchup software that lets you use your computer to create models of objects and buildings in three dimensions. This will introduce students to the SketchUp interface and learn how to drawing lines and shapes then push, pull, stretch, copy, more.. rotate, and paint to make anything you like. Explore how to import and edit components from Google warehouse.

Instructions for course registration will be sent with confirmation letters. If you have any questions you can call Connie Miyake, Kea'au Middle School at (808)313-4886