

# CampDISCOVERY: Summer Edition 2017

## Digital Arts/Technology “Black Rocket” Program Series

Explore topics such as Minecraft® Animation, video game making, coding, make-your-own app, and much more! New this year: 3-D toy making, Star Wars stop animation, Lego comics, and digital storytelling. Featuring a tried-and-true web-based curriculum guided by an on-site instructor.



### Minecraft® Animators

June 5-9

9 am-12 noon

AGES 8-12

\$169

Bring your favorite Minecraft characters to life in an animated short film! Learn how studios like Pixar and Disney make movies like Inside Out and Frozen by using techniques like keyframing, tweening, texturing, and animating rigged 3D models! Student projects will be available on a password protected Black Rocket website to share with friends and family. You do not need to own a Minecraft account to use the software in this class. Students will work in pairs or teams for most of the program. Returning students can create more advanced projects that build on previous years. Mac users can play their project at home, but will not be able to edit the project without a PC. Returning students can create more advanced projects that build on previous years. 17SKCPBR01



### Star Wars® Stop Animation

June 5-9

1 – 4 PM

AGES 8-12

\$169

Make your own Star Wars adventure come to life! Bring in your favorite Star Wars or action figures and create a short film with your friends. Whether you want to recreate a scene from Star Wars or design a new world of your own, this class brings your dreams to the screen. Students will need to bring in Star Wars action figures or vehicles from home, but all other equipment provided. Student-created films will be available on a password protected website to share with friends and family. Students will work in pairs or teams for most of the program. 17SKCPBR02

### App Attack!

June 12-16

9 AM-12 NOON

Ages 8-12

\$169

Take the first steps into the world of mobile app design and customize your own game app! Using a specialized app & game development tool, students will explore the world of web-based (HTML5) mobile apps. In addition to learning the basics of mobile app design and game development, you will also see firsthand how the world of App publishing functions. Student-created apps will be accessible on a private site and can be played on any mobile device or computer. Publishing to App Stores not included. No prior experience is necessary and students do not need to own a smartphone or tablet to take the class. Students will work in pairs or teams for most of the program. Returning students can create more advanced projects that build on previous years. 17SKCPBR03

Register by phone: 229-245-6484

Register online: [www.valdosta.edu/ce](http://www.valdosta.edu/ce)

## **NEW! Game Labs : Collaborate/Create/Compete in the Ultimate Video Game Experience**

**June 12-16      1-4 PM      Ages 8-12      \$169**

For serious gamers only! Beyond 2D and 3D, now it's time to take it to another level by competing with the world! Students will develop games with a partner using a unique game engine. Students will learn advanced level editing, simple 3D modeling, intermediate event scripting and the impact of game play on user experience. Students will work in pairs or teams for most of the program. System Requirements for home experience: 2GB of RAM, and 2.0GHZ processor. 17SKCPBR04

**Code Breakers      June 19-23      9 AM-12 NOON      Ages 8-12      \$169**

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 the next Mark Zuckerberg or the high school student who just made a million dollars for programming in his bedroom, this course has the essentials 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. 17SKCPBR05

**NEW! Toy Designers: Make Your First Toy      June 19-23      1-4 PM      Ages 8-12      \$169**

Calling all boys and girls who want to be toy designers of the future! In this class if you can dream it you can make it - create your first action figure, super hero, or make a new toy or figurine. By conceptualizing and designing their own 3D models, students will learn how to sculpt, texture, and render their first toy! No prior experience is necessary and 3D designs will be available on a password protected Black Rocket website to share with friends and family. (3D prints may be purchased separately through an online provider.) Students will work in pairs or teams for most of the program. 17SKCPBR06

**Minecraft® Designers      June 26-30      9 AM-12 NOON      Ages 8-12      \$169**

If you love the game Minecraft, and always wanted to design your own world, this class is for you! Learn how to create a custom map, the basics of creating 3D models using a new software to design your very own objects, how to build with Redstone and Command blocks, and create custom textures for you to import at home or share with friends. To access their project at home students, must own a PC/MAC version of Minecraft. Tablet, phone, and game console versions of Minecraft are not compatible. Parent email address is required to use 3D modeling software. Students will work in pairs or teams for most of the program. Returning students can create more advanced projects that build on previous years. 17SKCPBR07

## **Make Your First (2D) Video Game**

**June 26-30      1-4 PM      Ages 8-12      \$169**

If you love playing video games, this is the camp for you! Make your first video game in this one-of-a-kind class that shows you the keys to designing your first 2D platformer game. Conceptualization, play experience, level design, graphics, sounds, and simple coding are just some of the concepts that we'll explore. No prior experience necessary, just a desire to have fun. Student created games will be available on a password protected Black Rocket website to share with friends and family. Games are only compatible on PC computers, Mac versions can be created after the program for \$15.00 conversion fee. Students will work in pairs or teams for most of the program. Returning students can create more advanced projects that build on previous years. 17SKCPBR08



**NEW! Lego® Comics: Design Your Own Adventure! July 3-7 9 AM-12 NOON Ages 8-12  
(FEE \$135 DUE TO SHORT WEEK; CLOSED TUESDAY FOR HOLIDAY)**

In this LEGO adventure YOU are the star! Pick your favorite LEGO genre or create an alternate universe to create a digital illustrated story or graphic novel. Whether you want to fight alongside Superheroes, create a Minecraft story, hang with the Nexo Knights, or go into space with Rey and Finn, the only requirement is that you put yourself in the story! All students will end the class with a digital comic book that can be shared with friends and family on a password protected website! Students will work in teams for most of the program. 18AKCPBR01



**Digital Storytellers July 3-7 1-4 PM Ages 11-14**

**(FEE \$135 DUE TO SHORT WEEK; CLOSED TUESDAY FOR HOLIDAY)**

From the Hunger Games to Harry Potter we all love a great story. Whether you want to rewrite the ending to Star Wars, add yourself to a Divergent tale, or create a new adventure about your friends - any topic is possible in this class! Start with a concept, design the storyboard, add some dialogue, and watch as the characters in your imagination come to life in your first graphic novel! 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. 18AKCPBR02

**Minecraft® Modders July 24-28 9 AM-12 NOON Ages 8-12 \$169**

Use your favorite game to learn the basics of modding and foundations of programming. Learn scripting and logic statements as you create your first mods! Introductory coding will also be taught through a simulated environment inspired by Minecraft. Student projects will be available on a password protected Black Rocket website to share with friends and family. To access their project at home students must own a PC/MAC version of Minecraft. Tablet, phone, and game console versions of Minecraft are not compatible. Students will work in pairs or teams for most of the program. Returning students can create more advanced projects that build on previous years. 18AKCPBR03

**Make Your First 3-D Video Game July 24-28 1-4 PM Ages 8-12 \$169**

Try this new version of a Black Rocket classic! This class allows you to develop a game concept that goes well beyond the limitations of the traditional 2D game design classes and create an immersive 3D world. Students will learn the physics behind 3D games, explore beginner event scripting, level design, controlling flow of gameplay, and storytelling. Student created games will be available on a password protected 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. 18AKCPBR04