PARTICIPANT INFORMATION:

NAME:__________________________________AGE:____

PARENT/GUARDIAN/EMERGENCY INFO:

FULL NAME:_____________________________________

ADDRESS:_______________________________________

CITY:________________________________STATE:_____ 

ZIP:_________PHONE:__________________________

EMAIL:__________________________________________

RELATIONSHIP:___________________________________

REGISTERING FOR:

SESSION 1-AM
○ LEGO Robotics CityCAMP
○ Star Wars Stop Animation

SESSION 1-PM
○ Arcade Camp 1
○ Minecraft Animators

SESSION 2-AM
○ Lego Comics
○ Lego Robots: StarCAMP

SESSION 2-PM

SESSION 3-AM
○ Star Wars Stop Animation
○ LEGO Robots: CityCAMP

SESSION 3-PM
○ Minecraft Animators
○ ArcadeCAMP 1

SESSION 4-AM
○ Minecraft Modders
○ LEGO Robots StarCAMP

SESSION 4-PM
○ Mindstorms
○ 3D Print!

The best way to secure a spot is to register online at:

oswego.edu/youth-programs

Questions?

Call SUNY Oswego Division of Extended Learning:
315-312-2270 or email:

extlearn@oswego.edu

Make Checks Payable to SUNY Oswego

Mail To: SUNY Oswego
Division of Extended Learning
151 Marano Campus Center
Oswego, NY 13126
3D Print: Print Your First 3D Creation!
Learn how to prepare a model for 3D printing. Using web-based software such as Tinker Cad or 3-D Slash, kids will sculpt, render and print their own 3D creation. No prior experience is necessary and students will use the 3D printer in Penfield Library to print their 3D creation to share with friends and family. Students will also work in small groups to create a board game piece to showcase their work! Ages 8+

App Adventure: The Next Level
Continue your quest to make the next viral app! Whether you want to move past the basic techniques learned in App Attack or want to jump right in, we are ready for you! Students will choose from a selection of different web-based (HTML5) mobile apps and explore more in-depth programming concepts. Student-created apps will be accessible on a Black Rocket site and can be played on any mobile device or computer. No prior experience is necessary and students do not need to own a smartphone or tablet to take the class. Ages 8-14

ArcadeCAMP 1 provides an introduction to programming and game development for kids ages 8 and up developed for Scratch. With ArcadeCAMP your child will learn how to program their own computer games by recreating the most popular games in history – from the early arcade hits such as Pong and Frogger to ultimate video-game blockbusters such as Snake or Tetris. Your child will have full access to 4 game development workshops designed to inspire and teach. Materials for each workshop include: introduction on video game history illustrated with pictures and animations, programming lessons, step-by-step programming guides, downloadable graphics and other extras, (including games that they create and can bring home!!) ArcadeCAMP 1 includes: Space Explorer, Banana Chase, Bouncing Gear & Race.
Each game teaches the use of different techniques: Shooting, navigating, capturing, driving, flying etc. Ages 8+

LEGO Robotics: CityCAMP WeDo is our longest-running and most successful course. It was designed so that keen young engineers of the future can learn about new technologies and robots that could improve life in a modern city. To see the solutions in action, children build and program robots of our design. Your child will experience robotics lessons designed to inspire and teach. Your child will get extensive introduction to the lesson illustrated with graphics and animation, detailed building instructions for building the LEGO WeDo robot, step-by-step programming guide, educational mini games and other extras. Ages 8+

NEW! Lego® Comics: Design Your Own Adventure!
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. Ages 8-14

LEGO Robotics: StarCAMP WeDo is a unique lesson plan that takes us into outer space. Constructing and then programming futuristic robot models is a great introduction to physics and astronomy. To further spark young imaginations, some robots resemble those seen in science fiction movies. Your child will experience robotics lessons designed to inspire and teach. Your child will get extensive introduction to the lesson illustrated with graphics and animation, detailed building instructions for building the LEGO WeDo robot, step-by-step programming guide, educational mini games and other extras. Ages 8+

Mindstorms: CityCAMP EV3 is a version of CityCAMP, designed for the newest LEGO robotics set: Mindstorms EV3. The course focuses on how robotics and technology can make life easier in a modern city. This time, however, we build robots using EV3’s new set of electronic bricks and program them with different software. While building and programming 12 intricately designed robot models, students learn how math, physics and extraordinary machines can bring exciting goals within reach. Ages 11+

Minecraft® Animators
Bring your favorite Minecraft characters to life in an animated short film. Other environments provided Stargazing stories like Inside Out and Frozen by using techniques like keyframing, tweening, texturing, and animating rigid 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. Ages: 8-14

Minecraft® Modders
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. Ages: 8-14

Star Wars® Stop Animation
Make your own Star Wars adventure come to life! Bring in your favorite 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. Ages 8+