

Session 1: 6/24-7/5 (No Camp 7/4)

Week 1: GameMakers: Arcades of Epic Fun!

Now, your child can code their very own fruit-chomping, alien-blasting, lane-jumping, fun! Throughout the week, your camper will use their imagination and the age-appropriate Scratch programming language -with projects from beginner to advanced. They'll be creating worlds and inventing characters as they build & code their very own suite of arcade games.

Week 2: InventionMakers: For A Better World!

Your camper can make a greener future as they join their campmates in creating and promoting their eco-focused inventions! Each week campers will use the LittleBits electronic invention system, along with additional materials, to build and test creations that utilize solar power to reduce footprint, help clean up the oceans, and a whole lot more. Once completed, your camper and their team will produce all the graphics, promotional materials and more they will need to pitch their new product in our inventor's incubator!

Session 2: 7/8-7/19

Week 3: RobotMakers: We're on the Move!

We'll be rolling straight into awesome fun when your child and their campmates team up to build & code their own fleet of LEGO robotic vehicles. Each day, they'll be creating a new LEGO robotic vehicle—such as: an obstacle-tackling tank bot, and object-sensing car, a fully agile racecar and more! Once complete, your camper will program their machines to life and unleash their self-driving creations into action on our various test tracks!

Week 4: WebDeveloper: The Future is Yours!

Now your child can join the ranks of web developers & entrepreneurs as they design & code their own website using HTML coding and more! Each of our campers will be launching their own web-development company where they'll design a website for their first customer. They'll create & program web pages, add pictures, videos and audio, as they help their customer promote their brand and sell their products on the internet.

Session 3: 7/22-8/2

Week 5: DesignMakers-Comics to Marvel At!

Your child will be drawn into the excitement of creating their very own virtual comics! They'll unleash the power of the popular **Krita** graphic-design software to power-up their

digital story-telling skills. At each turn, campers of all skill levels will have opportunities to create their own unique story lines, craft their own unique comic characters, design their characters' worlds and produce their own digital-art comic strips to share!

Week 6: GameMakers: Enter the 3rd Dimension!

Your child is about uncover a whole new dimension of fun! This one week camp offers your camper access to the coding tips and tricks they will need to create a variety of 3D games ranging from clones of temple run, to actual first person games!

Session 4: 8/5-8/16

Week 7: WebDeveloper: You Design Studio!

Showcase your art to the world! Your child and their campmates are set for fun as they discover and foster their graphical design skills. This one week camp is an opportunity for them to learn the basics of graphic design, from creating memes to designing webpages. They will then put this knowledge into practice as they code their own webpages to showcase their creations!

Week: 8 RobotMakers: We're Gearing Up!

Gear up your summer with real robotic fun! Each day, your child will join their campmates in the daily construction of their own LEGO robots! Utilizing LEGO Robotics Kits and an age appropriate programming language, campers will create smart bots that can sort colors, helpful bots that grab and move objects, brilliant battlebots, and more.