 Summer camp 2022



Youth entering 1st-5th grade

Camp includes our traditional fun and diverse programming with engaging STEAM activities to keep bodies and minds active during the summer.

**Week 1 June 13th - 17th S.T.E.A.M V.2**

Summer fun S.T.E.A.Ms ahead. Experience every letter in S.T.E.A.M. in our kick-off week to summer time delight. Be a Scientist and discover new possibilities. Be a Technologist and program the future. Be an Engineer and build a better tomorrow. Be an Artist and inspire. Be a Mathematician and answer why 789. Above all else, Be Great. Now let’s get summer started off right.

**Week 2 June 20th - 24th Storybook Engineers**

What if the three piggies knew the wolf was coming? Could they have designed their three little houses to not be blown down with a big huff and a bigger puff? This week we’ll be designing solutions for some of our fictional friends. All of the king’s horses and all the king’s men couldn’t put Humpty together again-but you can, engineer. Can we solve it? Yes. We Can.

**Week 3 June 27th - July 8th Funbots**

Robots follow three rules: Do not harm humans or let them be harmed; obey human commands; and, make sure humans have fun! We’ll be learning a little bit of programming and a little bit about how robots work. We’ll design challenges for our bots and be challenged by them.

**Week 4 July 5th - 8th The Great Escape**

You and your team of special agents are trapped in the lair of your greatest arch nemesis. They lured your team in with the promise of ending their evil deeds once and for all. It was a trap-a setup-because of course it was. Now you and your team have minutes to escape the room before each of you is trapped for-well-forever. On top of that, the evil scientist snuck poison into your snack. You’ll need to crack the codes, solve the puzzles and decipher the enigmas that Agent Dire left as clues to discover the antidote and escape their lair. Your team is in a tight spot, but you’re just the heroes to make the impossible possible.

**Week 5 July 11th - 15th What does a Scientist Do?**

We’ll be answering the question of what a scientist does and how they figure out the world’s biggest and smallest mysteries. Each day we will learn about a different scientist and what kind of science they do. What exactly is a glaciologist? What’s an urban ecologist do? Let’s learn together.

**Week 6 July 18th - 22nd GenArt**

**1st – 3rd LEGOmation:** Using stop-motion software, our young influencers will create short videos with LEGOs as our props. Our videos will be posted for friends and family outside the Club to watch and enjoy at the end of the week. Will your 15 seconds be the next viral hit?

**4th & 5th Futuristy:** The worlds of technology and art have joined together to bring our masterpieces to life! Using apps like ProCreate, Swift Playgrounds, and zSpace we will turn our 2D drawings into 3D mastery.

**Week 7 July 25th - 29th Whodunnit?**

There’s been a crime-a swiping, if you will-at the Club! Only the greatest sleuths can deduce from the clues at the scene-whodunnit-and solve this mystery in time for lunch. Spend the week working on your investigative abilities: learn how to lift fingerprints, collect evidence and piece clues together with the help of science and a little ingenuity. It’s elementary, our dear youth sleuths.

**Week 8 Aug 1st - 5th The Human Body**

The human body does all sorts of things for us without being asked. This week we’re going to find out how and why! How does our digestive system get nutrients from food? How dexterous are our hands, really? Can we design a better foot? Let’s find out!

*Club members will need to bring some materials from home for this cam*p.

**Week 9 Aug 8th - 12th Interstellar Traveler**

This week we look out to the stars for our inspiration. The shuttle is waiting. All systems are set and ready to go. Command is giving the green light. Ignition sequence is starting. Prepare for lift-off. This week we will explore projects from NASA that will motivate the next explorers of the cosmos. See you at the launchpad.

**Week 10 Aug 15th – 19th Endless Summer**

As is tradition here at the Club, at least as far back as we can remember, we let our members decide what we do in our summer camp finale. This is your week. Missed learning about your favorite scientist? Revisiting Legomation? One more escape room? Our scientists will choose between revisiting loved experiments or doing something completely new and novel. It’s your voice and your choice. You decide! Let’s end summer on the good foot.