

(EUR) Camp Eureka (ages 6-12)

Inspire the inventor and scientist in you during this week of discovery and invention. Investigate the awesome inventions created before modern science had really begun. Imagine finding yourself on a deserted island with only a few supplies. Add into the day a tsunami and a volcano and see how resourceful you can be using Ben Franklin's inventions as inspiration. We'll join the adventure to infinity and beyond on this fantastic day where science fiction meets science fact. As far back as Jules Verne and as recently as George Lucas, dreamers have explored what the future can hold. Many of those dreams are now reality. This camp is designed to bring out the inventor in all of us.

(SHR) Shipwrecked

Inventing means necessity! Archimedes and Benjamin Franklin both created devices to make their society function more smoothly. This day puts you on a deserted island where you will work together to invent a means for collecting food and water, build shelters, bridges, and ponder how to get back home. You will find and create tools to write a message we can send off in a bottle. Eventually, with all we have done, we may be able to build a boat to take us home.

(ROK) Rock Paper Scissors

Inventing means curiosity! Leonardo da Vinci started as an artist and developed many scientific observations that he recorded in his notebooks over the course of his lifetime. We will learn about his many discoveries and try our hand at his experiments. This will include the art writing notes backwards, measuring human proportions, constructing a self supporting bridge and building catapults and trebuchets. Our budding inventors will bring home their da Vinci designs to share their new found skills.

(WHZ) Whiz Kids

Inventing means practicality! Today is all about Rube Goldberg and the invention process. Having great ideas and making them a reality are just two of the challenges of being a great inventor. Protecting those ideas is essential as inventors Alexander Graham Bell, Thomas Edison and Nikola Tesla have taught us. They were locked in several battles over electrical inventions of their era. We will look at the "nuts & bolts" of preserving our inventions. We will prepare a patent proposal and receive a patent certificate at the end of the camp day.

(SCF) Science Fiction

Inventing means dreaming! Jules Verne and Isaac Asimov wrote about things that would be available in the future. These science fiction writers developed the reality of their current technology into future possibilities. During this camp day, participants will do the same thing. Look at today's technology and imagine what they will become tomorrow. We will follow a telecommunications timeline and develop one for our current transportation system. Our future inventors get a lesson on lasers and work on protecting a space ship from damaging space rays. The camp wraps up with a robotic relay and the children take home dreams of the future and new planets to explore.

(FST) Think Fast

Inventing means cooperation! Orville and Wilbur Wright worked together, despite sibling rivalry, to develop the first self-controlled motorized flying machine. Their team efforts also lead to improved bicycle pedals and faster sleds. We will review technological advances in flight and work together to produce improved plane designs. Their day will be all about teamwork as we design transportation to get us off our planet and onto other worlds. It's an out of this world adventure today.