

## Imagination Station Summer Camps 2017 Starting June 5 through July 28th

Through our wide range of STEAM themes and activities, as well as our many hands-on exhibits, our goal is to foster campers' imaginations and passion for lifelong learning. Each camp is specifically created with age appropriate activities aligned with your child's developmental stage.

### Grades 4-7 Rising

#### June 5-9

**Peppy Pepper's "Kids in Action Vegetable Gardeners' Club"**, grades 4-6, rising, June 5-9, 9 am-noon, Members \$125, Non-Members \$135

Help Peppy prepare and plant a garden bed while understanding the wonders of nature in gardening! This week will be full of fun, exploratory nature activities and gardening experiences. So be one with nature and join Peppy Pepper's Gardner's Club.

**Limit: 12**

**Grillin-n-Chillin**, grades 4-7, rising June 5-9, 9am-noon, Members \$125, Non-Members \$135

Using a charcoal grill, fire pit, smoker, and solar energy, we will grill meat, garden vegetables, fruit, and... don't forget... grilled desserts! **Limit: 12**

**Around the World**, grades 4-7, rising, June 5-9, 1-4 pm, Members \$125, Non-Members \$135

Grab your passport and discover a new country every day. For each country, learn a new game, create art, and cook a meal. Explore Egypt, Australia, Japan, Spain and a mystery country!

#### June 12-16

**Engineering Feats**, grades 4-7, rising, June 12-16, 9 am-noon, Members \$125, Non-Members \$135

Learn the science of eruptions by creating a glowing rainbow eruption, build an egg tower, create a simple machine with found objects, make an earthquake proof building, and construct a catapult to calculate how far objects will fly!

**CSI Bodies: The Living World**, grades 4-7, rising, June 12-16, 1-4 pm, Members \$125, Non-Members \$135

Investigate the forensic side of the human body. Extract DNA, and create an edible DNA strand, dissect a pig heart and inflate the lungs, cast footprints and study finger printing and hair analysis. On Friday with hands-on investigative work, solve the mystery of the missing evidence.

**Bridge: Put your Cards on the Table**, grades 5-9\*, rising, 1-4 pm, June 12-16, Members \$40, Non-Members \$50

Explore the frontiers of your brain with the worlds' greatest mind game, Bridge! Learn to speak in code, think analytically, face challenges with a partner, and meet the tasks of this spirited game. On Friday, take on the ultimate bridge battle with your partner to win the tournament. Prizes will be awarded.

### **June 19-23**

**Muggles & Wizards**, grades 4-7, rising, June 19-23, 9 am-noon, Members \$125, Non-Members \$135

Will an owl bring you an acceptance letter from Hogwarts? Make your wand, go on a scavenger hunt for the goblet of fire, learn about actual muggle beasts, and create your own magic beast, discover friendship with the mirror of Erised, formulate potions, brainstorm relay races to challenge runners, then have a broom snack!

**Seafood Extravaganza**, grades 4-7, rising, June 19-23, 9 am-noon, Members \$125, Non-Members \$135

Take a taste of oysters, lobster, and crab. Roll up some sushi, mix together tuna salad, make a seafood veggie dip, bake salmon patties, stuff mushrooms with crabmeat, and learn the "Art of the Eyes" to tell if fish is fresh. **Limit: 12**

**Picture This**, grades 4-7, rising, June 19-23, 1-4 pm, Members \$125, Non-Members \$135

Test your photo snapping skills! Learn the tricks of still life, outdoor, and portraits photography. Experiment with lighting, backgrounds, and shutter speed. Show your creations in the Imagination Gallery on Friday. Campers will need to bring a digital camera or smartphone.

**Moving Motion**, grades 4-7 rising, June 19-23, 1-4 pm, Members \$125, Non-Members \$135

Catapult into Newton's laws of motion. Yank a cloth from under dishes, create a rocket pinwheel, and send crash test dummies flying. Adjust the mass of two identical cars and plastic eggs to discover what happens. See action-reaction forces at work as mini rockets launch through the air, and twirl into action with the Newton spinner.

**Soccer Camp**, grades 3-5\*, rising, June 19-23, 1-4 pm, Members \$125, Non-Members \$135

Are you new to soccer? Learn the basics of soccer; dribbling, passing, receiving, and shooting. Play small-sided scrimmage to learn more about teamwork and playing as part of a group. Experienced teen soccer players will guide and direct you through the game. With sports trainer Francis Gross, learn other ball games and explore the Museum and Environmental Center and Garden. **Limit: 12**

## **June 26-30**

**Food Network Favorites**, grades 4-7, rising, June 26-30, 9 am-noon, Members \$125, Non-Members \$135

Designed for the curious young chef whose idols may include Giada, Guy, Julia and Ina. The week features Food Network style games and challenges including: Chopped, Cupcake Wars, Iron Chef Challenge and Celebrity Chef Favorite recipes.

**Limit: 12**

**Improv Explosion**, grades 4-6, rising, June 26-30, 9 am-noon, Members \$125, Non-Members \$135

This theatre experience focuses on improvisation and storytelling. Collaboratively create an original piece from the ground up. Through basic improv skills, theatre games, and story building, construct your own unique theatre experience. Emphasis on building a strong ensemble and exploring artistic creativity. On Friday, perform your piece with family and friends.

**Ingenious Artists**, grades 4-7, rising, June 26-30, 1-4 pm, Members \$125, Non-Members \$135

Create unique pieces of art while learning about individual environmental responsibility and discovering ways to reuse and repurpose items that are normally thrown away. Projects include incorporating recyclables and found objects into painting, printmaking, ceramics, and mixed media projects.

**Incredible India**, grades 4-7, rising, June 26-30, 1-4 pm, Members \$125, Non-Members \$135

Join Sathiya Paranthaman to learn about Indian food, music, clothes, festivals, holidays, and celebrations. Cook, create art, play games, and learn fun facts and famous places. On Friday, put on a skit for parents and friends with a reception afterwards.

## **July 10-14**

**Astronomy Aliens**, grades 4-7, rising, July 10-14, 9 am-noon, Members \$125, Non-Members \$135

Look to the stars through a telescope and determine why stars have color, then mix up night sky playdoh. Discover Star Wars-like planets and suns, do a Star Wars glider test, and meet BB8. Make plasma with fruit, learn planet symbols, play Space Jeopardy, and prepare for August's solar-eclipse!

**Passport to Flavor**, grades 4-7, rising, July 10-14, 9 am-noon, Members \$125, Non-Members \$135

Travel the world to experience the food of different cultures: Italy, Greece, Thailand, Japan, and a mystery country on Friday! **Limit: 12**

**Cool Chemistry**, grades 4-7, rising, July 10-14, 1-4 pm, Members \$125, Non-Members \$135

Mix together different ingredients to; build a density tower, create a glow in the dark bouncy ball, make homemade slime, cook up edible crystals, and more!

### **July 17-21**

**Riding the Rails**, grades 4-7, rising, July 17-21, 9 am-noon, 9am-noon, Members \$125, Non-Members \$135

Get hands on experience building and setting up model train layouts using T-track concepts. Learn train sizes and types, and how they work. Understand the art of being a hobo, build a cake train, and on Friday enjoy a Hobo luncheon prepared by campers.

**Sound Studio Science**, grades 4-7, rising, July 17-21, 1-4 pm, Members \$125, Non-Members \$135

Study sound, play music, learn about vibrations, and how sounds come out on movies. Make your own sound studio, and on Friday produce a soundless video, then generate its sounds.

**Donut Showdown**, grades 4-7, rising, July 17-21, 1-4 pm, Members \$125, Non-Members \$135

Create a signature donut inspired by the theme of the day; Zombies, Carnival, Star Wars, Super Hero, and Minecraft. **Limit 12**

### **July 24-28**

**Peppy Pepper's "Kids in Action Vegetable Gardener's Club,"** grades 4-7, rising, July 24-28, 9am-noon, Members \$125, Non-Members \$135

Help Peppy prepare and plant a garden bed while understanding the wonders of nature in gardening! This week will be full of fun exploratory nature activities and gardening experiences. So be one with nature and join Peppy Pepper's Gardener's Club.

**Limit: 12**

**Interactive Art**, grades 4-7, rising, July 24-28, 9 am-noon, Members \$125, Non-Members \$135

Create art that viewers can intermingle with. Put your twist on "Colour Study Squares and Concentric Circles" by Kandinsky, design Mache masterpieces, build a spectroscope, create an interactive collage, and invent your own doodle curio with found objects.

**Peppy Pepper Cooks**, grades 4-7, rising, July 24-28, 1-4 pm, Members \$125, Non-Members \$135

Harvest produce and herbs to flavor recipes for lunch: baked potato fries, salad and dressing, Gazpacho, vegetable tureen, pizza, spaghetti with home-made marinara sauce, and brownies, and cake for dessert!

**Wacky and Wild Kids**, grades 4-7, rising, July 24-28, 1-4 pm, Members \$125, Non-Members \$135

How would you survive a zombie apocalypse? Dress up like a zombie and learn some survival skills. Build a Nerf dart zone for zombies vs humans, use a compass to navigate other zombies through the garden, then clean up using squirt guns. Joust with water balloons, acquire archery skills, learn the basic skills of fire building, and discover how to use a bandana for survival.

## **Grades 1-3 Rising**

### **June 5-9**

**Secret City Spy**, grades 1-3, rising, June 5-9, 9 am-noon, Members \$125, Non-members \$135

Do you have the stealthy moves and shrewd mind it takes to be a super sleuth? Crack codes with a cypher wheel, create disguises, use your powers of observation, do code chalking, lift fingerprints, and record the evidence to crack the crime. Team up with fellow campers to solve the “Great Cookie Caper.”

**Secret City Contraptions**, grades 1-3, rising, June 5-9, 1-4 pm Members \$125, Non-Members \$135

Become an engineer and create different gadgets; design a marble run, construct an egg tower, fabricate a bridge, erect a catapult and calculate how far items can be chucked, and create an articulated hand.

### **June 12-16**

**Edible Art**, grades 1-3, rising, June 12-16, 9 am-noon, Members \$125, Non-members \$135

Go ahead and play with your food. Let your artistic side flow, create flowers and animals, build a terrarium, paint a picture, make a stamp, do some math, and engineer a sculpture using candy, chocolate, fruit, cereal, and vegetables.

**Astronomy Aliens**, grades 1-3, rising, July 12-16, 9am-noon, Members \$125, Non-Members \$135

Look to the stars through a telescope, and discover why stars have color, mix up some night sky playdoh, and make plasma with fruit. Dive into the Star Wars universe and create a glider fighter to shoot through space, launch an Ewok at storm troopers, and meet BB8. Play Space Jeopardy, and prepare for August’s solar-eclipse!

**Seussical Story**, grades 1-3, rising, June 12-16, 1-4 pm, Members \$125, Non-members \$135

Create an adaptation of a Dr. Seuss story. With other campers, write the script, make the backdrop, and design and make the costumes. Perform your creation onstage on Friday.

## **June 19-23**

**Junior Wizards**, grades 3-5, rising, June 19-23, 9 am-noon, Members \$125, Non-Members \$135

Calling all Junior Wizards! Join us for a week of magical fun at the Magi-zoolog Academy. Take care of magical creatures, learn about animal adaptations, and habitats. After that, stir up chocolate frogs, discover where the Chamber of Secrets lies, travel through a maze to find the Goblet of Fire, and make the Enferi hand.

**Creative Desserts**, grades 1-3, rising, 1-4 pm, June 19-23, Members \$125, Non-Members \$135

Get peachy picking fresh peaches in the garden. Mix up preserves, bake a pie, and make some salsa. Decorate a personal pan cake, create your own parfait, and put together a dessert pizza. On Friday, prepare the healthiest “Dessert Throw Down!”

**Limit: 12**

**Soccer Camp**, grades 3-5\*, rising, June 19-23, 1-4 pm, Members \$125, Non-Members \$135

Are you new to soccer? Learn the basics of soccer; dribbling, passing, receiving, and shooting. Play small-sided scrimmage to learn more about teamwork and playing as part of a group. Experienced teen soccer players will guide and direct you through the game. With sports trainer Francis Gross, learn other ball games and explore the Museum and Environmental Center and Gardens. **Limit: 12**

## **June 26-30**

**Recyclemania**, grades 1-3, rising, June 26-30, 9 am-noon, Members \$125, Non-Members \$135

Create unique pieces of art while caring for the Earth and discovering ways to reuse and repurpose items that are normally thrown away. Projects will use recyclables and found objects in their art projects.

**Chocolate Lab**, grades 1-3, rising, June 26-30, 1-4 pm, Members \$125, Non-Members \$135

*Chocolat, sjokolade, choklad, shokora, cikolata.....*no matter how you say the word chocolate, you have to agree it makes the world a happier place! Learn the history of chocolate, do a blind taste test, bake cake pops and brownies, whirl up chocolate sauces, mix up no-bake gooey cookies, and create your own candy bar. Go on a “Charlie and the Chocolate Factory” scavenger hunt.

**Kids Go Global**, grades 1-3, rising, June 26-30, 1-4 pm, Members \$125, Non-Members \$135

Take a journey around the world experiencing different cultures through cooking, making art with an international flair, learning new games, and gardening. Get your passport and be ready to travel!

## July 10-14

**Wind Up your Thinking Machine!**, funded by the Tennessee Arts Commission for grades 1-4\*, rising, July 10-14, 9 am-4 pm, scholarships available.

Immerse yourself in multimedia art that will be integrated with natural sciences, language arts, and cooking with writer, and illustrator Eric Carle as the main focus.

**9 am-noon** – Learn about chameleons then create a painted paper collage, design colors and textures for a breakfast food plate, learn about John James Audubon; then locate and collect seeds in the Museum's Environmental Center, make a star stained glass sun catcher, and create frames and stands for your completed artwork.

**1-4 pm** - Choose a favorite animal to make in the ceramic studio, make pancakes and observe chemical changes as they cook, and why bubbles rise to the surface, observe the summer sky through a telescope, and create an image of Icarus in the style of Henri Matisse. On Friday, present your artwork in the Imagination Gallery while retelling Eric Carle's story.

## July 17-21

**All Aboard!**, grades 1-3, rising, 9 am-noon, July 17-21, Members \$125, Non-Members \$135

Climb aboard and learn about train signals, tracks, cars, hobos, and even the underground railroad. Discover simple machines and make a train engine from found objects. Use critical thinking skills to unravel the mystery behind the Great Train Heist. On Friday, enjoy a Hobo Luncheon prepared by campers.

**Engineering Feats**, grades 1-3, rising, 1-4 pm July 17-21 Members \$125, Non-Members \$135

Learn the science of volcanoes by creating a glowing rainbow eruption, engineer an egg tower, create simple machines, make an earthquake-proof building, and build a catapult to calculate how far different objects will fly!

## July 24-28

**Science Extravaganza**, grades 1-3, rising, 9 am-noon, July 24-28, Members \$125, Non-Members \$135

Try out Elsa's frozen powers, make a bouncy ball, do an egg drop, create magnetic slime, build a hovercraft, and create a solar powered oven to cook S'mores in.

**End of Summer Bash**, grades 1-3, rising, July 24-28, 1-4 pm, Members \$125, Non-Members \$135

Mix up some sand pudding, construct obstacle courses, play shaving cream Twister, get wet in a squirt gun relay, make a bubble snake creature, and build a marble run with tubes and bottles.

## **Preschool**

**Ages 3-rising kindergartners**

**Must be potty-trained**

### **June 5-9**

**Dinosaur Dig**, ages 3-5, 9 am-noon, Members: \$125, Non-Members: \$135

Put on a hard hat and grab a shovel-we're going on a dinosaur hunt. Learn about dinosaurs and their fossils through stories, puppets, art, and science. Do an icy dino dig, hatch and match dinosaurs, create a skeleton with found objects, and make your favorite fossil into a puppet!!

### **June 12-16**

**Storybook Chef**, ages 3-5, 9 am-noon, Members: \$125, Non-Members: \$135

Dive into the book series by Laura Numeroff. On Monday, start with "*If you Give a Cat a Cupcake*, and on Friday, end with *If You Give A Pig A Party*." Explore a new book each day through crafts, games, gardening, and of course cooking!

### **June 19-23**

**Welcome to Hogwarts**, ages 3-5, 9 am-noon, Members: \$125, Non-Members: \$135

Make a wand and practice with the Weasleys, create a wizard's bubbling brew with Snape, and learn about magical creatures like Hedwig and Bandicoot. Put on a blindfold and identify jellybean flavors, make chocolate frogs, and go on a scavenger hunt for the golden snitch.

### **June 26-30**

**Animalia**, ages 3-5, 9 am-noon, Members: \$125, Non-Members: \$135

Learn about animals and how they live. Go on a Rainforest safari to see to how animals survive in different environments. Explore the human-animal connection and how people help wildlife and care for their pets.

### **July 10-14**

**Giggle Science**, ages 3-5, 9 am-noon, Members: \$125, Non-Members: \$135

Fizz, bubble, goo, and glow! Turn milk into plastic, color your beastie and see if it will float, make balloons dance, craft a zappy zoomer, construct a floating ball game, and experiment with singing bottles.

### **July 17-21**

**Traveling the Tracks**, ages 3-5, 9 am-noon, Members: \$125, Non-Members: \$135

Work on fine motor and simple engineering skills. Use train tracks like dominoes, build a Funicular train, play a train dice game, go through tunnels, build a noodle track to wash your little engine, and create a locomotive from found objects.

### **July 24-28**

**Playcation**, ages 3-5, 9 am-noon, Members: \$125, Non-Members: \$135

You don't have to travel to have summer fun. Run a popcorn relay, create messy art, make and build with mud blocks, walk the plank, and race through an obstacle course. On Friday, have a Teddy Bear picnic.

## **Clay Camps**

### **Morning Only 9 am-noon**

**Clay pieces will be fired and ready for pickup 2 weeks after camp**

**Find Your Center**, grades 4-7, rising, June 5-9, 9 am-noon, Members \$125, Non-Members \$135

This camp is great for beginners and intermediate learners. Focus on how to work the wheel and how to start to throw a pot. Finish and decorate bowls, mugs, and cups.

Refine your skills and try new techniques. **Limit: 4**

**Art for the Garden**, grades 1-3, rising, June 12-16, 9 am-noon, Members \$125, Non-members \$135

Look at life close up as you discover ecosystems through a variety of creative projects. Go into the Environmental Center and look at bugs, birds, frogs and fish. Learn basic pottery hand-building skills through slab, pinch, and coil construction. Hand-build a pot, construct a bird house, create a wind-chime, and make a bug house.

**Super Bowls in the Summer**, grades 1-3, rising, June 19-23, 9 am-noon, Members \$125, Non-Members \$135

I scream, you scream, we all scream for ice cream! Use hand-building techniques to create ice cream bowls, cereal bowls, serving bowls, and even pet bowls. Don't forget the ladles, spoons, and scoops for your bowls. On Friday you will even make ice cream to put in your bowl.

**Drawing on Clay**, grades 4-7, rising, June 26-30, 9am-noon, Members \$125, Non-Members \$135

Moist clay makes an interesting medium for drawing and painting that has exciting possibilities. Draw on a curved interior of a bowl, do split drawings on a tile and use the Sgraffito technique (where general areas of color are applied with a brush then details are etched through to the underlying clay).

**Gone Fishing**, grades 1-3, rising, July 17-21, 9 am-noon, Members \$125, Non-Members \$135

Fantastic fish and imaginative monsters are in store for this underwater adventure.

Learn hand-building pottery techniques to create underwater creatures and tiles.

Hand-build a fantasy fish, accompanied by a small school of fish, build a stand for it, add shells, and seaweed. Also, design and shape critters to construct a wind chime.

**Selfies**, grades 4-7, rising, July 24-28, 9 am-noon, Members \$125, Non-Members \$135

Let your imagination rule as you explore making faces in clay. Create expressive face mugs, hand-build a mask, decorate an animated tile, make a self-portrait with Picasso's abstract style, and make your pet's face on a bowl.

