

**EXPLORE HERRETT
2019**

EXPLORE HERRETT: S.T.E.A.M. Camp-In

(Formerly Science Camp- In)

March 15, 2019



Registration Form

****REGISTRATION DEADLINE: March 2, 2019****

PLEASE TYPE OR PRINT LEGIBLY

Camper's Name: _____ Gender: M or F Grade: 3, 4, or 5 Age: _____

Guardian's Name: _____ Primary Phone: _____

Secondary Phone: _____ Additional Contact Name & Phone: _____

Email: _____

Town of Residence: _____ School: _____

Special needs: _____

First & Last Names of Friends to Sleep Beside: _____

T-Shirt Youth: 6-8 10-12 14-16 18-20
Sizes: Adult: Large

Workshops:

Workshops: Please mark choices in order of preference, 1-10. As a workshop fills, a child will be placed into their 2nd, 3rd, & following choice. Each child will attend 1 workshop.

___ Biofilm Bootcamp

___ Renewable Energy

___ Birds, Beaks, Barf, & Bottles

___ Spark in the Air

___ Horse Bones & Casts

___ Sun Prints

___ Maker Space

___ The Microscopic World

___ Plant Stuff

___ Worlds Within

Space limited: 1st come, 1st served

Parents Note: If your child and a friend wish to sleep in the same group, please write the friend's name on the registration form. In order to place children with their friends we must know now! No changes will be made on the night of the camp-in!

Cost for S.T.E.A.M. Camp-In: \$50.00 per child.

Check-In: 3/15/19 at 6:00 PM.

When we receive your registration and payment, we will send you a confirmation form with instructions.

Refunds will not be given.

Questions?

Call Kindy Combe at

208-732-6664

or email

kcombe@csi.edu

Send check with registration to:

CSI: S.T.E.A.M. Camp-in

Herrett Center

P.O. Box 1238

Twin Falls, Idaho 83303

The Herrett Center for Arts and Science now has registration open for the 2019 S.T.E.A.M. Camp-In. S.T.E.A.M. stands for: science, technology, engineering, art, and math. The S.T.E.A.M. Camp-In will be held on March 15, and will allow 100 third, fourth, and fifth graders from the Magic Valley and beyond a night of fun and learning. Students will attend one S.T.E.A.M. based workshop, enjoy a presentation from Dr. Picklestein, be some of the first to watch the new planetarium show: *Beyond the Sun*, spend time in the Centennial Observatory, participate in a group scavenger hunt in the museum galleries, and sleep in groups around the exhibits. Students will also be served snacks in the evening and a light breakfast in the morning before being picked up. S.T.E.A.M. Camp-In costs \$50 per camper with registration closing on March 2. Registration is first come, first served, so get your child's registration in soon! If you have questions about the S.T.E.A.M. Camp-In, please contact Education Coordinator Kindy Combe at 208-732-6664 or at kcombe@csi.edu

WORKSHOP DESCRIPTIONS

Biofilm Bootcamp

Participants will learn about the importance of good home care with oral hygiene and the removal of biofilm with CSI's dental hygiene program.

Birds, Beaks, and Bottles

Participants will examine preserved birds to identify different beak types and hypothesize on diet. Students will be given different beak types to participate in a feeding frenzy to see who can survive. Owl pellets will be examined and dissected to learn about what the owls have been eating. Students will make a bird feeder out of a plastic bottle so they can continue their observations of birds after they return home.

*This workshop requires dissecting a real owl pellet and handling real animal bones.

Horse Bones & Casts

Participants will join the vet tech program and learn about bones that comprise the front limb of a horse, create a wind chime skeleton, and apply casting material.

Makerspace!

Participants will get an introduction to CAD (computer-aided design) and 3D printing.

Plant Stuff

Participants will get their hands dirty learning about the world of botany in the CSI Greenhouses and try their hands at potting a plant of their own.

Renewable Energy

Participants will learn about wind and solar energy with CSI's renewable energy professors and create a solar oven of their own.

*Participants will be using electricity in their supervised learning

Spark in the Air

Participants will "play" with air pressure and static electricity. Prepare for some bright sparks and loud bangs. They will be shocked and blown away!

Sun Prints!

Participants become part the Sun Print photographic process by collecting objects and exposing them, using UV light, on top of hand-coated, chemically light-sensitive surfaces. The results are beautiful blue photographic impressions!

The Microscopic World

Participants will learn how microscopes work and then use them to look at living and non-living objects under different magnifications. Students will then get to create their own microscope slides of such things as living protozoans, cheek cells, insect parts and more! Students will get to examine their slides under multiple magnifications.

Worlds Within

An understanding of matter is important. But, what really matters? Participants will join in the telling of everyone's story, as prompted by the serendipity of liquids to solids, from concrete to abstract... and back.... humans being human.

*Participants will be supervised in working with fire and molten wax