

JUST FOR YOU

ENTERING

6TH - 12TH GRADE

SUMMER

CAMP 2018

TEEN STEAM!

JUNE 18-AUGUST 24

7:30AM-5:30PM MONDAY-FRIDAY

LUNCH & SNACK PROVIDED

SPACE IS LIMITED SO SIGN UP EARLY!

DETAILS ON BACK

STEAM Camps are composed of fun activities that feature science, technology, engineering, arts, and math concepts.

- June 18th-22nd: The Sweet Science
- June 25th-29th: Electric City
- July 2, 3, 5, & 6th: Light 'Em Up
- July 9th-13th: Born to Ride: Vuelta Roseburg
- July 16th-20th: Bread Crumbs
- July 23rd-27th: Axis of Action
- July 30th- Aug. 3rd: Project B.A.A.M.
- August 6th-10th: Behind the Lens Film Festival
- August 13th-17th: The Marvel of the Human Body
- August 20th-24th: A Fantasy Feast



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1144 NE Cedar St. Roseburg, OR 97470 Phone: (541) 440-9505 Website: www.bgcv.org

TEEN STEAM!

The Sweet Science- June 18th - 22nd 20 max.

Put in your mouthguards ladies and gentlemen because summer starts off with a swift kick to the sweet tooth. Our researchers will take their culinary skills to the Club's kitchen to create some luscious goodies and tempting concoctions all in the name of delicious, delicious science. Our patissiers will learn things like the chemistry behind the perfect chocolate chip cookie, how we can hack the bodies senses with one tricky treat and how one delectable delight that our mad scientists were able to design takes advantage of some of the principles of thermal engineering.

Electric City - June 25th - 29th 20 max.

Get charged up for Electric City campers. In this camp members will harness the physical phenomenon known as electricity to undertake some electrifying projects. Some projects that may spark their interest during this high voltage week are: building simple circuits-shocking! Using the elements to harvest electricity and power mini-machines-ohm-g, right? Making a musical painting-say watt? Just try and stay grounded until this week starts, scientists.

Light 'Em Up - July 2, 3, 5 & 6th 20 max.

During this week of camp our Club scientists will delve deep into the Club's secret laboratories to take part in the ancient ritual of making art with fire. There'll be flashes and smoke. There'll be explosions. There'll be fun. We'll use the brilliance of chemistry to explore exothermic reactions and ignite the imagination in a colorful display that will alight the true (ewws and) awe of science.

Born to Ride: Vuelta Roseburg - July 9th - 13th *own bike required 20 max.

While our Clubs' biking enthusiasts might not be able to head overseas to tackle the historic Tour de France, they will without a doubt want to experience the Club's third summer bike tour. The Vuelta a Roseburg week starts with easy rides along the winding paths that connect our city's beautiful parks, and as the days roll along the rides will progressively become longer and harder than the day before; finally the Vuelta will culminate in the formidable race to the Carnes Road Bridge. Olé.

Bread Crumbs - July 16th - 20th 20 max.

Don thy toques and grab your rolling pins little chefs and follow us to the Club's kitchen, because in this camp we're going to examine the chemistry behind the use of gluten in making some of our favorite culinary delights. In the kitchen and at the lab we'll explore the science kneaded to understand the technique and art of baking, from the elasticity of the dough ball to the mouth watering aroma of a baguette as it rises in the oven, and even practice the rustic Italian art of making homemade pasta, like tortellini and tagliatelle-mamma mia, che bello!

Axis of Action - July 23rd - 27th 20 max.

The Axis of Action is more than just a cool name, it's actually a tool used by filmmakers to help establish spatial relationships in a scene. This week, future filmmakers will be introduced to some of the basics of filmmaking, such as story arc and the difference between an establishing shot and a master shot. They will then take these lessons from theory to praxis when creating their own cinematic shorts during the week. The Axis of Action camp will serve as a foundation for our Behind the Lens Film Festival.

Project B.A.A.M. - July 30th - Aug 3rd 20 max.

Here at Project B.A.A.M we are looking for amazing minds to help us build adaptive automated machines. We need programmers. We need engineers. We need you! Can you build a machine adaptable enough to escape a winding maze? Can you build a machine acrobatic enough to climb a staircase? Can you take your imagination and skills to the next level and help us build the future? If so, you might have just what it takes to join us at Project B.A.A.M.

Behind the Lens Film Festival - August 6th - 10th 20 max.

You and a team. A story. A camera. Non-stop filmmaking. The Big Screen. The smell of popcorn. An audience. Can you make a blockbuster movie in four days or less? The Behind the Lens Film Festival will pick up where our Axis of Action camp left off. At the start of the week our intrepid filmmakers and their crew will be given a theme and from that theme they will have just four days to create a cinematic masterpiece that will be featured at the end of the week for all of our summer campers to enjoy.

The Marvel of the Human Body - August 13th - 17th 20 max.

The body is a wonderful and astonishing and complex machine. In this camp we will attempt to explore some of the complexity of the human body, so that we can better understand and appreciate the elegance of this machine, from form, such as that of the muscles and bones, to function, such as that of the most crucial of all structures of the human body: the heart. Campers will build simple anatomical models to better understand how their bodies work, and they will even undertake an experiment to extract the essence, the foundation of our being: DNA.

A Fantasy Feast - August 20th - 24th 20 max.

Have you ever watched a movie or read a book and found your mouth watering from the epic display of food on screen or the passage that lays out a veritable feast so lucid you can smell all the savory and sweet smells and taste the very effervescence of the concoctions the characters are guzzling down? Have you ever cried out to the screen in front of you or the book in your hands, I want that! Are you hungry right now just from thinking about it? Then this camp is for you. Lembas bread? You'll know why Samwise Gamgee laments about it. Why can't Hamish, Hubert and Harris stop eating Empire Biscuits? You'll know. Join us in this feast.



WHAT TO BRING

Campers will be expected to participate in all activities and keep an open mind. There will be activities where campers will walk and explore so comfortable walking shoes and a water bottle are recommended.

MORE DETAILS

Members	\$90 per week
Scholarship Recipients	\$45 per week
Non-Members	\$100 per week
Late Registration	\$10 late fee*
	*week of camp

Club opens at 7:30am, camps start
At 8:30am and end at 12:00pm.

Following lunch, regular Club
programming starts and all camp
participants are encouraged to stay.
The Club closes at 5:30pm.

Lunch and Snack provided for all
participants. Lunch served 12:00-1:30pm;
snack served 3:00-4:00pm

USDA meals are free for children
1-18 regardless of membership status.

Children 6 and younger must be
supervised by a parent or caregiver.

This institution is an equal
opportunity provider.

Scholarships are available for
members who qualify for free or
reduced fee lunch through their
school district. A copy of your
eligibility letter is required at the time
of registration. Scholarship funding
is limited and is available only
while supplies lasts.