



## **Sitka Sound Science Center Summer Camps 2018**

The theme of the summer camps of 2018 is “collections”. Whether it is a 1<sup>st</sup> grader exploring metamorphic rocks or an 8<sup>th</sup> grader looking at the engineering behind building trails, all the summer camps emphasize building strong science foundations in an engaging, active manner that celebrates exploration and tinkering.

### **Camp Descriptions:**

#### **Camps for those Entering 1<sup>st</sup> - 3<sup>rd</sup> grade**

**Creepy, Crawly Camp:** Dragonflies, centipedes, spiders oh my! In this no kill collection camp, campers will discover the hidden lives of creepy crawly critters. We will use observation and exploration of the natural world to create the perfect habitats for our very own bug zoo! (no bugs will be harmed in the making of the zoo and all will be released at the end of the camp)

*Date: June 4 - 7, 9:00am - noon*

**Camp Rock:** Geology rocks! And so does summer camp! Campers will become field scientists while exploring the geology of Baranof Island and creating their very own rock collection.

*Date: June 25 - 28, 9:00am - noon*

#### **Camp for those entering 4<sup>th</sup> - 6<sup>th</sup> grade**

**Collecting Pigments:** Students in the elementary camp at Alaska Fine Arts Camp have the option for participating in a workshop that is a partnership between SSSC and SFAC. Art with science is never more interesting than in the exploration of pigments, natural dyes, and color in nature. Fill your collector’s box with your gathered materials and use your collection to create beautiful designs on wood and cloth. Register with Sitka Fine Arts Camp.

*Date: June 11 - 15, see SFAC website for more information*

**Recycled Robotics:** Collectors of marine debris and other recycled materials put design skills to work by engineering a variety of robotic creations. What kid doesn’t want their own drone?

# SITKA SOUND SCIENCE CENTER

834 Lincoln Street, Suite 200  
Sitka, Alaska 99835  
Admin Phone: 907.747.8878  
[www.sitkascience.org](http://www.sitkascience.org)



*Date: June 18 - 21, 9am - noon*

**Collecting Coordinates:** A summer week of treasure hunting! Campers will learn navigation skills that involve GPS, topographical maps, and geography in this camp full of geo-caching puzzles and activity.

*Date: July 23 - 26, 9:00am - noon*

## **Camps for those entering 7<sup>th</sup> - 9<sup>th</sup> grade**

**Ocean Adventure:** BLAST after-school participants from Blatchley Middle School extend the adventure into the summer by participating in explorations of the marine world from kayaks, paddle-boards, and snorkeling. This is an invitation only camp - see Kristi Coltharp at Blatchley Middle School or Janet Clarke at the Science Center for more information.

*Date: June 19 - 22, 26, 27 4:00 - 7:00pm*

## **Camps for those entering 7<sup>th</sup> - 12<sup>th</sup> grade**

**Revolution:** Engineering is not all about bridges, buildings, and cars! In this camp, our future world-changers will brainstorm, design, model, build, and test ideas based on the concepts of landscape construction. Working engineers will facilitate this high intensity camp perfect for creative thinkers and motivated doers.

*Date: July 9 - 13, 9:00am - noon*

## **Camps for Families**

**Intertidal Inventory:** Families become Citizen Scientists and discover the different ways of exploring and documenting intertidal diversity. We will spend each day in the intertidal zones and learn strategies for becoming part of the citizen science community. All ages can expect to learn a great deal from field experts who will lead the camp. Treat the family to a uniquely fun time together at summer camp!

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*Date: July 16 - 18, 9:00am - 1:00pm*

**Postscript for Parents:** Trying to decide what age group is the best fit for your camper? Please read the descriptions below to select the grade level that best suits your child this year.

**What happens at camp?** Each camp follows a similar daily schedule: opening activity, content rich exploration, physically active game or walk, a snack, project time, closing activity. However, content complexity, group skills, and time spent on each task differ with age groups.

**What are the skills expected at the camps?**

**Grades 1 - 3 camps:** Campers should be easily able to walk to the Sitka National Historic Park, around the loop trail, and back again. They should have group skills such as listening, waiting for their turn, and kindness toward others. Content is integrated into stories, explorations, games, and projects. Activities work time is restricted to about 30 - 45 minute blocks.

**Grades 4 - 6 camps:** Campers should be able to sustain 30 or 45 minutes of a game or

walk. They are expected to be able to listen to other's ideas, plan together, and play cooperative and competitive games. Campers in Grades 4 -6 learn content from direct instruction, experimentation, and discovery activities. These campers can plan to work on challenges or projects in 45 - 60 minute blocks.

**Grades 7 - 9 camps:** Campers in Grades 7 - 9 should be able to sustain focus for an hour long field trip, be able to swim, and be capable of rigorous activity for an hour or more. They must exhibit a more mature level of cooperative planning, division of jobs, affirmative relationships, and self-discipline. These campers will experience content from direct instruction, individual research, group share, scientific method, and Q & A with experts. Work blocks will be 60 - 90 minutes, and in some cases may extend for several hours.