

SITKA SOUND SCIENCE CENTER

834 Lincoln Street, Suite 200
Sitka, Alaska 99835
Admin Phone: 907.747.8878
www.sitkascience.org



Sitka Sound Science Center Summer Camps 2019 - Energetic and energized!

This summer, words like “transfer” and “transformation” will be common topics in each of Sitka Sound Science Center camps. No, the camp theme is not money and we won’t be focusing on the newly popular “Bumblebee” transformer. The theme for Summer Camp 2019 is Energy!

Camp Descriptions:

Camps for those Entering 1st – 3rd grade

Who’s Eating Who?:

Is a sea star a carnivore or an herbivore? Do abalone eat kelp or crabs? Want to become an expert on local food webs? Come discover “who’s eating who” and how energy flows through our local terrestrial and aquatic ecosystems!

Date: June 17 – 20, 9:00am – Noon

Capture the Sun:

Calling all young inventors and engineers! In “Capture the Sun”, campers will explore different ways of capturing energy from earth’s natural processes. Building solar ovens (and using them to make s’mores!) and designing wind turbines are just a few of the activities to look forward to!

Date: July 15 – 18, 9:0am – Noon

Camp for those entering 4th – 6th grade

Motion Machines: Egg beaters and screwdrivers, belts and pulleys, rack and pinions! Do you love working with gadgets and imagining new uses for everyday objects? The “Motion Machines” workshop is your opportunity to use ideas about motion transmission and transformation to make a creative, working prototype of a mechanical device with a purpose. This camp is an elementary workshop with the Sitka Fine Arts Camp. Registration is accomplished through SFAC.

Date: June 10 - 14, 9:00am – Noon

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Food to Fire: Chemistry and biology intersect in the study of energy in living things. Campers should be ready for great chemistry experiments involving both food and fire! Not that this camp is your typical geeky lab science. No, these experiments will be in the tide-pools, on the beach, and in the forest.

Date: June 24 – 27, 9:00am – Noon

Suiting up for Space:

Do you have what it takes to keep an astronaut alive? Join us in “Suiting up for Space” to find out! Campers will use experimentation, invention, and engineering to try to survive in the most extreme environment: space!

Date: July 22 – 25, 9:00am – Noon

Camps for those entering 7th – 9th grade

Ocean Adventure: Middle-schoolers who have an adventurous spirit can explore the marine world from kayaks, paddle-boards, and in the water by snorkeling. Limited space is available.

Date: June 25 – 28, July 1 – 2, 4:00 – 7:00pm

Revolution: Engineering camp offers the opportunity for our future world-changers to brainstorm, design, model, build, and test ideas based on the engineering process. Working engineers will facilitate this high intensity camp perfect for creative thinkers and motivated doers. More information to follow.

Date: June 3 – 7, Noon – 4:00pm

Camps for Families

Family Camp: Family camps are perfect for everyone – parent(s) and children, visiting favorite aunt/uncle and their nephews/nieces, or grandparents looking for quality time opportunities with grandchildren, and so on. Treat the family to a uniquely fun time together while working side by side with visiting scientists and SSSC staff! More information on the 2019 theme to follow.

Date: July 8 – 10, 9:00am – 1:00pm (lunch provided)

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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.