

Adult Programs

Most of our adult programming is suitable for high school students as well as adults

- **Physics Cafés at the Wheeler:** A behind-the-scenes informal, interactive discussion of how scientists think and work, with scientists from Aspen Center for Physics.



- **New Moon Stargazing:** Monthly stargazing when the moon is dark, in various locations from Independence Pass to Carbondale. We have 4", 8", 10" & 16" telescopes to bring the cosmos alive!



- **Science of Cooking:** Explore the science behind food and cooking! Enhance your culinary skills and enjoyment by better understanding the underlying science.
- **Science of Music:** Explore the science behind music, as experts like violinist Robert McDuffie and neuroscientist Robert Zatorre illuminate the fascinating connections between science and music. With Aspen Music Festival and School.

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ASPEN SCIENCE CENTER

Programs & Events

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Preschool Education Program

Children are natural scientists. Spend time with a three-year old, and watch as they explore the world around them – poking, prying, taking apart, throwing, dropping, tasting... They have a natural insatiable desire to understand their world and what makes it tick. This is exactly what scientists do every day.

Aspen Science Center believes that **the inherent natural scientist in children of all ages must be supported and encouraged.** Too often, children grow to view science as something difficult and foreign, rather than exciting and fun.



We are proud to be developing a unique Preschool Education Program, which will help reinforce STEM education in early childhood learning in the Roaring Fork Valley, and beyond.

We are working closely with local preschools and educators as we develop this program, which has a heavy emphasis on teacher training and support. Currently in six schools, the program is being designed to meet the needs of educators, will integrate with existing curricula, and reinforce fundamental skills such as language, math and social interactions.

This program is possible due to funding from John & Jessica Fullerton, Becky & Mike Murray, David Newberger, Arnold & Anne Porath.

Out of School STEM Education

Out of School STEM (Science, Technology, Engineering and Math, or OSS) is a national movement, supported by the **National Research Council and the National Academies of Sciences, Engineering and Medicine**, among others. OSS augments and reinforces what is taught in schools. Regardless of the quality of school-based education, **learning in all areas, including STEM, is greatly enhanced when reinforced out of school and at home.**

***Science Fair:** Dozens of science activities for families, with exhibitors from across the Roaring Fork Valley and beyond, held every summer.*



***Science Sundays:** A pop-up science center for an afternoon of hands-on STEM experiments and activities for kids and adults alike in the spring.*



***Enrichment Wednesdays:** Afterschool STEM programming at local schools; hands-on, fun and educational activities.*

***High School Internships:** High School students are trained to create and present interactive science activities for younger kids.*



***Physics for Kids BBQs:** Weekly summer BBQs with Aspen Center for Physics physicists and hands-on science activities.*

***Science Parties:** Kids parties, adult parties, any kind of party is better with a little science! Science demos, activities, stargazing and more.*

Since its founding in 2005, Aspen Science Center (ASC) has been busy providing youth STEM (Science, Technology, Education, Math) education. Our programs attract approximately 4,000 visitors per year.