

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 this summer, as we explore the acoustics of concert hall design, music and memory, and the science behind percussion instruments. In partnership with Aspen Music Festival and School.

2018 Schedule of Events

April

29 Science Sunday

May

6 Science Sunday

13 Science Sunday

20 Science Sunday

June

11 Senior Tech Workshop

16 New Moon Stargazer

27 Physics for Kids BBQ (Basalt)

30 Aspen Saturday Market

July

3 Science Rocks! @PCL

7 Aspen Saturday Market

9 Senior Tech Workshop

11 Physics for Kids BBQ

12 Science of Cooking

14 Aspen Saturday Market

14 New Moon Stargazer

18 Physics for Kids BBQ

23 – 27 Rocket Camp!

25 Physics for Kids BBQ

26 Science of Music

August

1 Physics for Kids BBQ

2 Science of Music

5 Summer Science Fair

8 Physics for Kids BBQ

9 Science of Music

11 New Moon Stargazer

13 Senior Tech Workshop

15 Physics for Kids BBQ (Basalt)

23 Science of Cooking

September

8 New Moon Stargazer

13 Science of Cooking

Please visit AspenScienceCenter.org for details and our current schedule

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The Aspen Science Center is a 501(c)(3) non-profit organization and your gift is tax deductible to the extent permitted by law.

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, Janet & Tom O'Connor, Arnold & Anne Porath and Alpine Bank.**

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.** Please visit AspenScienceCenter.org to see all of our programs.

Rocket Camp! Middle-school students, learn about Newton's laws of gravity and motion, and get to build, launch and keep their own rocket!



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.



Out-of-School STEM: Afterschool STEM programming at local schools and other locations; hands-on, fun and educational activities.

Summer Science Fair: A day of fun science activities with partners from across the Roaring Fork Valley.



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

High School Intern-Educators: High School students are trained to create and present interactive science activities for younger kids.

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.