Beginning as the United States Science Pavilion during the 1962 Seattle World’s Fair, Pacific Science Center is a non-profit institution located in downtown Seattle. For over 55 years, the Science Center has worked to fulfill our mission to ignite curiosity in every child and fuel a passion for discovery, experimentation and critical thinking in all of us. We strive to embrace experimentation and innovation, and recognize failure as a step towards progress. The Science Center encourages students to think of science as a timeless process of inquiry, discovery and problem-solving, and inspires them to ask questions, develop hypotheses, conduct experiments and evaluate evidence in all aspects of their lives.

Our award-winning, innovative programs reach more than 1.1 million people around Washington state each year—in local communities, classrooms, at Mercer Slough Environmental Education Center in Bellevue, and on our campus.

Bring Pacific Science Center to your school! Science On Wheels is Pacific Science Center’s outreach education program that travels throughout the Pacific Northwest bringing science to life through content-rich, hands-on experiences. When we visit your school, we spark excitement for science with an entertaining and captivating assembly, inquiry-based workshops and interactive Exhibit Sets. Science On Wheels offers a wide range of program options that can be tailored to your specific needs.
Science is Everywhere. So are We! Bring Pacific Science Center to your school! Science On Wheels travels across the Pacific Northwest with interactive workshops, live stage shows, portable exhibit sets and after-school programs that build excitement for science, math, engineering and more for students in grades K–12. With a wide range of science standards-based programs, we can tailor your Science On Wheels experience to best fulfill your school’s needs.
OUTREACH PROGRAMS

EXPERIENCES TAILORED TO YOUR SCHOOL

Science On Wheels provides unique, hands-on programs aimed at creating opportunities to build, experiment and think critically. We foster a curiosity in science and math that extends beyond the classroom. Allow us to help you create a worthwhile and memorable experience catered to your school’s needs.

Science On Wheels participants uncover scientific concepts through curriculum that emphasizes science and engineering practices. Programs are aligned with Washington State Science Learning Standards (Next Generation Science Standards [NGSS]). Science On Wheels programs are designed to supplement traditional classroom curriculum with experiences that bring science and engineering to life in the classroom.

Whole School Experience

A Whole School Experience provides a full day of exploration and unique programming from one of our six STEM themes for your whole school (grades K–8).

A typical Whole School Experience is comprised of three program components. We start the day off with an entertaining and engaging School Assembly that brings science to life on stage and ignites curiosity in your students for the rest of the day of learning. We then dive deeper into a subject with 45-minute, hands-on, in-class Workshops.

Students are also invited to explore experiments and activities through our portable Exhibit Sets throughout the day.

PROGRAM THEMES

With our six traveling STEM programs, we can take your students into the depths of the earth, explore the inner workings of the human body, or blast them into orbit around alien worlds. Each program theme comes packed with hands-on activities designed to encourage students to utilize science and engineering practices and crosscutting concepts. We will ignite curiosity and fuel a passion for discovery for your entire school.

Blood and Guts (Anatomy and Physiology)

Blood and Guts challenges students to uncover the amazing aspects of their insides! Explore the systems and organs that keep us alive and kicking, from our skeletons to neurons. Give your students the opportunity to touch a real brain!

Engineering

Delve into the world of invention and problem-solving while exploring the knowledge, skills and tools used to change our lives. Program robots, build and test the strength of bridges and investigate new materials as you stretch them to their limits.

Physics On Wheels

Physics On Wheels will generate excitement for electricity, resonate interest in sound waves, use lenses to enlighten and more! Design simple machines to lift objects high in the air, experiment with the intricacies of light and the mysteries of color, and design their own solutions to make magnets float!

Space Odyssey (Astronomy)

Our most popular theme, Space Odyssey launches your students on an amazing celestial journey. Explore the universe in the inflatable planetariums or investigate the phases of the moon, the spectra of stars or the properties of light in your classroom.

Rock and Roll (Geology)

Rock and Roll will shake up your school with earth science! Sort through sand, hunt for fossils, explore and grow sparkling crystals, get blown away by volcanoes, and uncover the secrets of rocks and minerals.

Mathfinder

Mathfinder takes students on a mathematical journey far beyond arithmetic. Students practice probability, reflect on symmetry, focus on fractals and more as they discover the many ways they can manipulate math to answer questions related to their lives.
INDIVIDUAL PROGRAMS
Enhance your existing science curriculum with selected parts of our Science On Wheels program! Every standards-based STEM program can be booked individually or combined for an enhanced experience. Individual programs are also an exciting way to kick off an evening science fair or engage students in after-school science clubs.

Science Shows
Our dynamic, 40-minute live science shows are designed to ignite curiosity for large audiences with jaw-dropping, interactive demonstrations. Through giant props and stunning effects, participants are encouraged to fuel their passion for discovery by thinking scientifically.

Exhibit Sets
Transform any large room into your school’s very own science center! Our portable, hands-on exhibit sets are designed to be a “science playground” for all participants.

Workshops
Our one-one hour workshops bring in-depth and interactive science exploration to your classroom. Our educators bring enough materials for all students in the class to take part in enriching activities that encourage your students to design and conduct their own scientific investigations.

Portable Planetariums
Bring our inflatable planetariums to your school for a journey to the stars! Our live planetarium experiences propel students out into the universe to ponder the planets, make sense of the seasons and explore the constellations. Go on a night sky adventure in the middle of the day with our portable planetarium shows.

SCIENCE AFTER SCHOOL
Science After School programs are ideal for out-of-school care or after-school enrichment and science clubs. Each Science After School series consists of six one-hour workshops designed to enhance after-school time with fun, innovative experiments led by our outreach educators right at your facility.

Each workshops encourages your students to continue to develop and practice their science investigation skills. The series are designed so that students apply their learning to new science concepts and are inspired to take their passion for critical thinking beyond the classroom.

Program Topics
Science After School programs are designed for age groups that range from K–8. Younger students are introduced to fundamental science concepts and practices that they will use throughout their education. Middle school students are encouraged to utilize those skills as they create and investigate their own scientific curiosities.

Individual Programs and Science After School cover a wide range of math and science topics, including: Math, Physics, Astronomy, Engineering, Geology, Chemistry, Biology, Anatomy and Physiology, Neuroscience, Wellness, Zoology, Agriculture, Forensics and Remote Sensing Technology.

FAMILY SCIENCE NIGHT!
Planning an evening for your school to explore science as a family? Science On Wheels can package our highly-engaging interactive experiences to enhance your STEM family events. The entire family will be delighted by our Science Shows, explore together with our portable Exhibit Sets, or learn to stargaze as a family in our planetarium. Our programs encourage families to continue to inquire and discover long after the evening event is over.
Schools across the Pacific Northwest can take advantage of our regional travel calendar to save on their Science On Wheels visit. Book a Whole School Experience when one of our vans is visiting your area and we will take 10% off your program! Schools with flexible dates and themes might be able to save even more any time of year!*

Island, San Juan, Skagit Counties
December 2019: Mathfinder
January 2020: Engineering
February 2020: Space Odyssey

Whatcom County
December 2019: Rock and Roll
January 2020: Blood and Guts
February 2020: Mathfinder

Chelan, Douglas, Okanogan Counties
October 2019: Rock and Roll
April 2020: Mathfinder
May 2020: Physics On Wheels

Ferry, Pend Oreille, Stevens Counties
November 2019: Space Odyssey
April 2020: Engineering

WA: Lincoln and Spokane Counties
ID: Kootenai and Benewah Counties
November 2019: Engineering
April 2020: Blood and Guts
NEW! May 2020: Mathfinder

Adams and Grant Counties
October 2019: Physics on Wheels
March 2020: Rock and Roll
May 2020: Space Odyssey

WA: Columbia, Walla Walla, Asotin, Garfield, Whitman Counties
ID: Latah and Nez Perce Counties
March 2020: Engineering
April 2020: Space Odyssey

Benton and Franklin Counties
October 2019: Mathfinder
March 2020: Blood and Guts
May 2020: Rock and Roll

Yakima and Kittitas Counties
October 2019: Space Odyssey
April 2020: Physics On Wheels
May 2020: Rock and Roll

WA: Cowlitz, Clark, Skamania, Klickitat Counties
OR: Columbia and Multnomah Counties
November 2019: Mathfinder
May 2020: Space Odyssey

Thurston and Lewis Counties
December 2019: Physics On Wheels
January 2020: Rock and Roll
June 2019: Blood and Guts

WA: Wahkiakum, Pacific, Grays Harbor Counties
OR: Clatsop County
November 2019: Blood and Guts
March 2020: Space Odyssey

Mason and Kitsap Counties
November 2019: Mathfinder
December 2019: Space Odyssey
February 2020: Rock and Roll

Jefferson and Clallam Counties
October 2019: Blood and Guts
February 2020: Rock and Roll
March 2020: Physics On Wheels

Can’t make these dates work? Help your entire school district save with Group Discounts!

Work with other schools in your district or wider community for the mutual benefit of saving on Science On Wheels programs throughout the year. If you schedule three or more programs of the same theme on consecutive dates, we may be able to pass on our savings to you by providing discounts on all of the programs!

Visit pacsci.org/science-on-wheels to learn more.

*Availability of discount is subject to change. May apply to certain program types. Discounts may not be combined with other offers. Subsidies may still be available with discounts for qualified programs, while funding lasts. Programs must be scheduled by June 30, 2020. Due to weather, Science On Wheels does not travel beyond the Cascade Mountain range from December through February. All prices include mileage and overnight fees.