

History

Challenger Center for Space Science Education is a global nonprofit organization created in 1986 by the families of the Challenger 51-L crew tragically lost during the Challenger's tenth mission. Dedicated to the educational spirit of that mission, Challenger Center develops learning centers and other educational programs worldwide to engage students in science and math education.

The Challenger Learning Center of Lake Erie West is part of a network of centers in the United States, the United Kingdom, and Canada. This network of learning centers is a recognized leader in educational simulation with a strong curriculum-based emphasis.

Directions

Take the Oregon/Rt. 2 exit from I-280 to Navarre Avenue. Travel east on Navarre Avenue two miles to Lallendorf Road. Turn left on Lallendorf, just before Pearson Park. Go one mile on Lallendorf to Seaman Road. Turn right on Seaman. Challenger Learning Center will be on your left, approximately one mile after you turn onto Seaman. Look for the parking signage.



PROBLEM-BASED LEARNING, QUALITY STEM EDUCATION, AND 21ST CENTURY SKILLS FOR TODAY'S STUDENTS AND TOMORROW'S LEADERS!

The mission of the Educational Service Center of Lake Erie West is to provide quality resources and services that meet the unique needs of our partners in the educational community.

Sandra C. Frisch, Superintendent

<http://www.esclakeeriewest.org>

**4955 Seaman Road
Oregon, OH 43616
(419)698-1501
(419)698-1457 (fax)**

**Challenger Learning Center of Lake Erie West
Sponsored by the Educational Service Center of Lake Erie West**



**"INSPIRING. EXPLORING.
LEARNING.
IT'S OUR MISSION."**



**CHALLENGER
LEARNING CENTER
OF
LAKE ERIE WEST**

The Challenger Experience

Your visit to the Challenger Learning Center is not just a field trip. It's a unique minds-on/hands-on learning experience, transforming you into a scientist, engineer, or researcher on a simulated space mission, complete with mission control and a spacecraft! From the moment of lift-off to the completion of the mission, you become a critical member of one of eight teams:

**Communications
Isolation
Data
Probe**

**Medical
Life Support
Navigation
Remote**

Using 21st century skills of Communication, Collaboration, Critical Thinking, and Creativity, the teams work together to successfully complete the mission.

Whether you are a classroom teacher, a youth leader, a human resource manager, or a curious space explorer, we have a program to fit your needs. Your mission will be an inquiry-based experience that will guide you to new paths of discovery.



Summer Camps, Scout Programs, and Workshops

Our annual summer camps start at the end of each school year. Seasonal day camps, Scout badge workshops, special youth group activities, and overnights also offer hands-on experiences for participants of all ages. We also provide additional teacher workshops. If you are looking for programs that support science, technology, engineering, and math (STEM) education, you have found the right place. Check our website for current program offerings.

Missions

RETURN

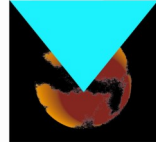


TO THE
MOON®

Return to the Moon
Grade Level: 5th and Above
Group Size: 16—34

The year is 2040 and the astronauts are on their way to the Moon. This time, they plan to stay. Navigating their way into lunar orbit, students launch a probe and analyze a variety of data to select a site for establishing a permanent moon base. The crew will begin a new era in human exploration during their mission, Return to the Moon.

VOYAGE



TO
MARS®

Voyage to Mars
Grade Level: 6th and Above
Group Size: 16—34

In Earth years, it is 2076, and a now routine Voyage to Mars has brought the latest human crew into Martian orbit. Both the relief crew and the planet-based crew will be under tight deadlines to gather and analyze important data and communicate information to the teams in Spacecraft and in Mars Control.



Micronaut Missions
Grade Level: K-4
Group Size: 1 hour: up to 36
2 hours: up to 54

Traveling 230 miles above the Earth's surface aboard the International Space Station, the Discovery crew continues the mission of the largest scientific cooperative program in history. The students take on the roles of scientists, engineers, and mathematicians engaged in unique research using a variety of hands-on experiments to learn more about the planet Earth.

CAN'T COME TO US? WE'LL COME TO YOU!!

Our Starlab Planetarium, Tiger Team Distance Learning; Apollo XIII Emergency and STS 114 Emergency, Effects of the Space Flight on the Human Body, History of American Space Flight, and Geology Outreach are available upon request. Call for more information and to schedule your event today!

Curriculum Connection

All simulation programs align with national and state math and language arts Common Core and revised science and social studies standards. Teachers who attend the workshops will receive contact hours.

School & Group Mission Specifics

A school or youth group mission includes the curriculum package with pre- and post- visit classroom activities and a one-day teacher workshop with light snacks.

Mission Hours: AM or PM

Mon—Friday 9:00am—11:30am*
12:15pm—2:45pm*

Evenings and weekends are available by request. *We offer some flexibility. Call for more information.

Scheduling: Reservations are required. The teacher workshop is scheduled at the time of the mission reservation. Call **(419) 698-1501** for a reservation form today.

Our "lunch pad" is available for groups who wish to bring their own lunches. Our science lab is also available for additional inquiry-based learning time!

Current mission and outreach program prices are available on our website at:

<http://www.eslakeeriewest.org>

