

EDUCATIONAL SERVICE CENTER

OF LAKE ERIE WEST

Date:

November 30, 2026

Location:

Challenger Learning Center
of Lake Erie West
4955 Seaman Rd.
Oregon, OH 43616

Times:

1:00-3:00 p.m. Or
4:00-6:00 p.m.

Target Audience:

1st-8th Grade Science and STEM
Educators

Contact:

Sara Ellet
sellet@esclakeeriewest.org

**To register and pay,
click or scan here:**



2 Contact Hours

Aligns with the Ohio Department of
Education & Workforce's 4 Priorities

- | | |
|-------------------------------------|-----------------------|
| ☐ | Literacy |
| ☒ | Learning Acceleration |
| ☐ | Student Wellness |
| ☐ | Workforce Readiness |



Rooted in SPACE



**Blast off into the future of science education
with hydroponics, microgravity, and the
future of food!**

Tailored specifically for Grades 1–8 educators, this high-energy professional development mission explores how astronauts will survive deep-space voyages by cultivating their own fresh payload on Mars and beyond. **Each participant receives one (8-10 Pod) Hydroponics Grow System with participation.**

During this hands-on expedition, teachers will:

- pilot authentic NASA reading passages.
- explore bioregenerative life support systems.
- assemble a functional hydroponics grow system ready for deployment in the classroom.
- map a direct trajectory through Ohio's Learning Standards for Science.
- chart how gravity-defying plant growth seamlessly connects Earth-based biology to space exploration.

**Leave with turnkey lesson
plans, data-collection tools, and
a full payload of ready-to-use
classroom resources.**

