

Leap into Science Training and Implementation Grant Project

Overview

Developed by [The Franklin Institute Science Museum \(TFI\)](#) and supported by the **National Girls Collaborative Project (NGCP)**, [Leap into Science](#) is a series of evidence-based workshops that pair hands-on science activities with children's books for children ages 3-10 and their families. This National Science Foundation project is designed to bring high quality STEM and literacy resources to community settings like libraries, museums, and out-of-school time programs to engage underserved families in accessible and familiar settings, using a Train the Trainer model.

During this 3-year project, we will hold a minimum of 3 events each year to train 60 librarians, afterschool and summer providers, early learning professionals, and informal educators. OregonASK will continue to work with the State Library of Oregon, Southern Oregon STEM Hub and Oregon Center for Career Development as a state leadership team in the Leap National project. **As a state leadership team, we will:**

- Lead Oregon in disseminating high-quality science & literacy programming, representing expertise in science, literacy, and out-of-school time programming
- Receive evidence-based curricula and kits of materials for educators
 - **45 kits for participants in each state each year**
- Share resources and training with informal educators who serve **rural** & urban communities across the state
- Join a national network of institutions **committed to science & literacy outreach**
- Participate in monthly professional development and technical assistance

Timeline:

- Cohort 1 state leadership teams announced: January 2018
- 1st Annual National Leadership Institute in Philadelphia: March 2018
- Monthly Community Calls
 - Attended by State Leadership Representatives
- Ongoing Evaluation activities
 - State Leadership Team Trainers
 - Implementation Sites (Trainees)
- Year 1 Training held in Oregon
 - Eugene, May 2018
 - Beaverton, September 2018
 - Medford, September 2018
 - Ontario, October 2018
 - Roseburg, December 2018
- National Research Case studies selected: Fall 2018
- National Leap into Science Week: February 25 - March 2, 2019
- Year 2 of Content & Training Kick Off: April 2019
 - **[April 6th in Salem](#)**
- Year 3 Training and Materials: April 2020

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Implementation

- Curriculum and kits provided in 3 topic areas.
 - 2018: Balance
 - 2019: Wind and Air
 - 2020: Light and Shadow
- Key Partner Organizations
 - Libraries
 - Science Centers/Educators
 - Informal & Out-of-School Programs
- Key Audiences for LEAP activities:
 - Preschool children
 - School-age children
 - Parents & Families
- **2019 Scheduled Trainings**
 - April 6th in Salem
 - April 13th in Albany
 - April 15-19 in Vancouver at Oregon Library Association conference

Other Frequently Asked Questions (FAQ's)

- **What kind of materials are provided?**

The National Partners provide 45 kits each year to each state that will include curriculum and activity materials for at least 20-30 youth per activity. The curriculum includes content to run 2 workshops (approx 45 min each) for youth and one additional family workshop event.

- **Why are there only 4 State Leadership Organizations?**

Each state leadership organization is required to send a representative to the national institute for training, however, the grant only provides funding for up to 3 from each state. However, there is additional implementation partners who will be key in coordinating trainings and implementing programming for youth and families around the state.

- **Is there any money to support attending training (travel costs, etc) or implementation?**

The NSF grant does not provide funding for programmatic implementation. However, Oregon leadership team members will look for other support to help with travel or implementation costs to help limit the challenges that most programs encounter when reaching and serving underserved youth and families.