

# 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 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
- Year 1 Training & Implementation
  - May - December 2018
  - Eugene, Beaverton, Medford, Ontario, Roseburg
- Year 2 of Training & Implementation
  - April - September 2019
  - Salem, Linn Benton Community College, Oregon Library Association Conference (Vancouver, WA)
- Year 3 Virtual Training & Implementation
  - February 2021 through Fall 2021
- National Leap into Science Week
  - Annually each last week of February

### Implementation

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- Curriculum and kits provided in 3 topic areas.
  - 2018: Balance
  - 2019: Wind and Air
  - 2021: 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
- **2021 Scheduled Virtual Trainings**
  - February 17th, 6-8pm- [Register Here](#)
  - March 3rd, 10am-12pm - [Register Here](#)

## 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.

- **Is there any money to support attending training or implementation?**

The NSF grant does not provide funding for programmatic implementation but we are excited to provide all the training online this year in hopes of diminishing cost barriers associated with travel, etc. Additionally, we will work with regional hubs and partners to get material kits distributed in an efficient manner in an effort to reduce barriers.

- **What are the pilot expectations?**

Each pilot that takes home a kit will be asked to implement 3 total workshops, 2 with youth and 1 with families. Each workshop should be input into the Connectory. Participants will be asked to provide feedback on their experience and participate in Leap into Science week.

*Updated February 2021*