



ALASKA CHALLENGER CENTER FOR SPACE SCIENCE TECHNOLOGY, INC.

# Food Security and Sustainability at Home and In Space: It's More Similar Than You Might Think

Marnie Olcott

2/1/22 - 1/31/24



Instructor Lora Hagelund & children compare the speed of seed sifting vs handpicking techniques. Credits: Challenger Learning Center of Alaska

A series of programs focused on increasing food security in sustainability for families on the Kenai Peninsula (1) looking at personal use growing and harvesting methods, wild harvesting and methods of food preservation that will enable families to provide for themselves in a greater fashion and (2) exploring the research being done at Kennedy Space Center into Space Crops and how those methods relate to what is done in Alaska. The goal is to help build a stronger, more resilient community, while introducing a

population that may not otherwise experience them, to the NASA focused activities done at the Challenger Learning Center.

## List of Partners:

- Kennedy Space Center Office of STEM Engagement
- Salamatof Native Association
- Kenai Peninsula Food Bank
- NISE Network
- Western Hub State of Alaska Division of Agriculture

The material contained in this document is based upon work supported by a NASA grant or cooperative agreement award #80NSSC22K0434, under the Teams Engaging Affiliated Museums and Informal Institutions (TEAM II) activity of NASA's Next Gen STEM Project.

Explore TEAM II Products

<https://www.nasa.gov/learning-resources/search/>