



GATEWAY TO SCIENCE CENTER, BISMARCK

Engaging Rural and Tribal Families in North Dakota with NASA Space Tech

Elisabeth H Demke

2/1/22 - 1/31/23



The NASA-themed Family Night at Edwin Loe Elementary was full of joy - and a record-breaking audience of more than 600.

Credits: Gateway to Science

The project will provide underserved elementary students and their families in rural and tribal communities in central North Dakota with relevant and engaging NASA assets to inspire them to explore STEM together. The need for family engagement in STEM will be addressed by co-developing and delivering NASA STEM learning experiences in two low-resourced communities. These learning experiences will align with the theme of “Space Tech. Technology Drives Exploration”; a collaboration with

University of North Dakota’s Human Spaceflight Laboratory will engage students and families with practitioners and promote real-world understanding. Objectives are to increase student and parent/caregiver engagement with NASA’s mission and programs, and parent/caregiver interest and confidence in pursuing STEM learning opportunities for the family. Project results and resources will be disseminated through local STEM learning networks.

List of Partners:

- University of North Dakota
- North Dakota Space Grant Consortium
- North Dakota STEM Ecosystem

The material contained in this document is based upon work supported by a NASA grant or cooperative agreement award #80NSSC22K0435, 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/>