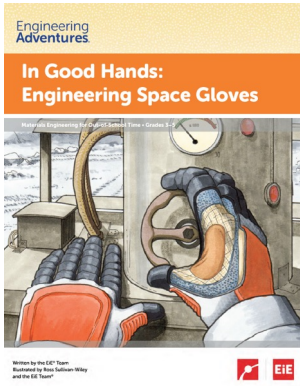




# Are you looking for exciting NASA inspired, hands-on materials for use with out-of-school time elementary school learners?



## *What do we know about hazards in space? How can we design materials to keep missions safe?*

Northern Arizona University is seeking Out-of-School Time educators to participate in a study of the Planetary Learning that Advances the Nexus of Engineering, Technology, and Science (PLANETS) *Space Hazards* curriculum for **elementary** learners in Grades 3–5.

## What is the purpose of the study?

The study will begin in January 2021 and will examine:

- ✓ How educators use the materials to help learners understand how science and engineers design products to mitigate space hazards
- ✓ What educators think of the quality and usefulness of the material
- ✓ How the units impact learners' interest in science and engineering

## What do you need to do?

- ✓ Attend an online study orientation (1 hour) and participate in online professional development (3 hours)
- ✓ Implement the PLANETS *Space Hazards* curriculum with your learners (12 hours)
- ✓ Complete online surveys about your use of the materials and your experience (20 minutes)
- ✓ Participate in an interview about the curriculum (40 minutes)
- ✓ Participate in classroom observations (for a sample of classrooms)
- ✓ Administer an engineering interest survey to your students (20 minutes)

## How will you be compensated for participating?

- ✓ You will receive the *Space Hazards* teaching materials (guides and materials kits) needed to implement the curriculum (approx. \$450 value).
- ✓ You will receive \$500 for implementing the curriculum and participating in data collection to compensate you for your time.

## Find out more

Contact Carol Haden at [carol@magnoliaconsulting.org](mailto:carol@magnoliaconsulting.org) for more information. Use this link to apply to the study: <https://www.surveygizmo.com/s3/6002992/PLANETS-Spring-2021-Field-Test-Application>.