Program-Title Lunar and Planetary Institute

STEM Inventory

Entry# 6

Org-Type Higher-Education-based

Lead Universities Space Research Association PoC Katy Buckaloo

PoC-Phone 281-486-2106 PoC-Email outreach@lpi.usra.edu

Address 3600 Bay Area Blvd., Houston, TX,77058

URL

Service-Region Nationwide

Type Student Program

Subjects General Science | Space

Level Elementary School (K-5th grade) | Middle School (5-8th grade) | High School (9-12th grade) | Undergraduate | Graduate

Other-Objectives

Served-per-Year Demographics

Content

The Institute is a center for lunar and planetary science, conducting research studies on the formation, evolution, and current state of the Moon, planets, comets, asteroids, planetary satellites, cosmic dust, and our solar system as a whole through analysis of data and samples obtained through NASA's long history of missions and exploration. The Institute also develops education and public outreach programs that engage families, educators and students in space science and enhance the public appreciation of lunar and planetary science. The program engages the community in the exploration of space science and the process of science in an effort to create an educated public and to generate future space science explorers. We aim to develop a diverse portfolio of current, content-rich, high-quality, space science educational programs and resources, organized within compelling space science themes, and presented in a learning environment that meets the needs of the intended audiences.

Outcomes

We aim to facilitate the sharing of space science knowledge and the process of science among researchers, educators, and the general public in a way that leverages and respects the resources of the Lunar and Planetary Institute, the Universities Space Research Association, NASA, and the space science community. "...America's students must improve their performance in mathematics and science if they are to succeed in today's world and if the United States is to stay competitive in an integrated global economy....the most direct route to improving mathematics and science achievements for all students is better mathematics and science teaching..."

Started Funded-Through

Length Cost

Primary-Funding Primary-\$

Materials

Other-Funding
How-Assessed

Best-Practice-Why

Promising-Practice

Sponsor-Phone Sponsor-Email

Other-Orgs NASA