



GLEE...

Using the inspiration from NASA's Apollo Moon landings 50 years ago, the Great Lunar Expedition for Everyone (GLEE) will be a catalyst for a new generation of space missions and explorers. This scientific and technological mission to the Moon will deploy 500 LunaSats to the lunar surface to conduct different local and at least one common distributed science missions by 2023. LunaSats are tiny spacecraft with an integrated sensor suite that will be programmed by teams of students, from every member country of the United Nations, to perform a mission of their own design. These teams will be guided by GLEE program staff through the entire design, build, test, launch, and data gathering process. GLEE will be free to all teams that are selected for participation. From hands-on activities to a global citizen science network, GLEE is the next step to inspire and engage (inspiration) the world in a truly global mission to the Moon.

Science...

Local: Each student team will design a science mission local to their LunaSat that is based on their interests and the expertise of their team and supporting community. Each team will utilize the sensor suite on board the LunaSat and may have the option to add components critical to their desired local mission.

Distributed: Each of the 500 LunaSats will be used in different groupings to perform larger-scale and distributed science beyond the individual team's local mission.

Citizen: A mobile app will be developed by the GLEE science team to engage the global community in both local and distributed science missions.

Impacts...

50,000 Direct Participants

Each of the 500 LunaSat teams will directly engage ~100 students in the hands-on GLEE program. Each team will have mentors from their school and local STEM focused companies.

500,000 Indirect Participants

Each of the 500 LunaSat teams will submit a plan to connect with at least 1,000 local people in their community to talk about their GLEE project and experiences.

1,000 Partnerships

Each of the 500 LunaSat teams will engage with at least two partnering organizations in their community to help support their efforts with GLEE.



An artistic rendering of a LunaSat on the surface of the Moon.

GLEE Facts...

- Student science and technology on the Moon by 2023
- Free to participate
- Participants from 193 countries
- Citizen science mobile app will be used
- Will follow known international space law and policy



Contact Us:

GLEE Team

Colorado Space Grant Consortium

info@GLEE2023.org

GLEE2023.org