

ONE GIANT Leap Australia



**We invite you and your students to join us in a
unique suite of Space STEM Programs**

Connecting Minds

Mission Begins August 2022

- The Connecting Minds Project is a flexible, purpose driven education program that focuses on networking, problem solving and cutting-edge space Science, Technology, Engineering and Mathematics (STEM) research.
- Educators will partner globally and groups of students from their respective schools will work cooperatively on their 'space mission'.
- Their innovative collaborations and initiatives will be targeted at skill development, building global networks and cultural understanding.



Seeds In Space

Mission Ongoing

- Investigate the effect of microgravity on plant growth as compared to Earth.
- Encourage scientific research between students, schools, universities, and space agencies around the world.
- Promote environmental microgravity science.
- Develop interest as skills in space experiments and methodology.

www.onegiantleapfoundation.com.au



SPACE TEAMS



International SpaceCRAFT Exploration Challenge

Epic Virtual Space Missions

Mission Dates 2022

3-8 July (USA)

4-9 July (Australia)

The International SpaceCRAFT Exploration Challenge gives students an incredible opportunity to participate in space exploration themselves - virtually.

As part of a mission team, students will design spacecraft, navigate to another planet, land their vehicle, build a planetary habitat, and explore a new planet to find resources in order to sustain human life.

Students will learn from subject matter experts including astronauts, scientists and engineers who are directly involved in ongoing missions as they compete with other teams for the best mission design.

Lessons on topics ranging from planetary science to spacecraft systems, orbital mechanics to robotic exploration, bring all aspects of space exploration to an understandable level for young students, who learn by doing and creating with these concepts themselves.

The outcome of this program is to inspire young explorers to pursue STEM subjects in school and ultimately enable them to join the international community of scientists and engineers working on the space frontier.

www.space-teams.com