MISSION TO MARS

Learn what it takes to live in space!

World Space Week OCTOBER 4-10

Free Science Learning for Teens

Ages: 12–18

Dates: 3 September – 10 October 2025

What's included?

- 2+ hours of high-quality **interactive, curriculum-aligned content**
- Designed for **independent learning** - in class or at home
- Full **educator support** provided: lesson plans, extension activities and student projects

Try it for yourself!

Why Take Part?

- **Real-world learning** that connects science, sustainability, and systems thinking
- **Flexible & student-led** — works in class, at home, or in enrichment programs
- **Fully resourced** with TV-quality videos, interactive quizzes & project challenges
- **Earn rewards** — collect Yakka (digital currency), credentials & unlock exclusive events

The Prize: LIVE Q&A with Astronauts 🏆

Complete the Mission to Mars units, earn your credential, and unlock a LIVE webinar with real astronauts — coming November 2025.

World Space Week OCTOBER 4-10

World Space Week is coming soon!

Join 14,000+ schools for the world's biggest space celebration. Mission to Mars is your perfect prep — complete the credential by 10 October to take part.

Register your school now

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Content: What will students learn?

Unit 1: Life in the Universe

Exploring the origins of life and planetary science.

Investigate how our solar system formed and why Earth became the perfect place for life. Through planetary science & astrobiology, consider the question: Are we alone in the universe?

Key topics:

- The Goldilocks Zone – why Earth is “just right” for life
- Earth’s atmosphere: our protective “spacesuit”
- How stars and gravity shape planetary systems
- The 4.5-billion-year timeline of life on Earth
- Searching for exoplanets – how scientists look for life beyond
- Voyager’s journey and Earth’s “cosmic address”
- The Fermi Paradox vs. the Drake Equation – what are the odds we’re alone?

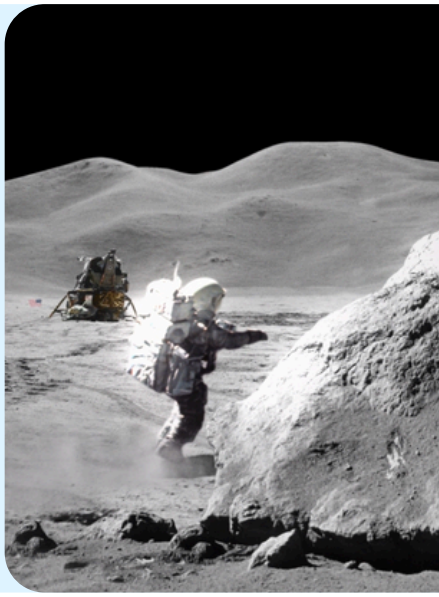
Unit 2: Space Exploration

The past, present, and future of humanity in space

Trace the journey from the Cold War to modern global cooperation. Explore how we got to the Moon, what life is like in orbit, and where we’re heading next.

Key topics:

- The Space Race: from Sputnik to the Moon landing
- The speed and science of leaving Earth’s gravity
- The ISS: international cooperation in action
- Life in space – daily routines, risks, and rewards
- The rise of private space travel and emerging space laws



Unit 3: Living in Space

Designing a sustainable mission to Mars

Plan your Mars Mission using guidance from NASA experts. Explore what it takes to live off-Earth and apply critical thinking and problem-solving to real-world survival challenges.

Key topics:

- Mission briefing: meet real astronauts, scientists & engineers
- Habitat Design – how to live and work on Mars
- Scientific Research – what we can learn from the Red Planet
- Resource Management – food, water, energy, and sustainability
- Launch, landing & life support – preparing for the unknown

Try it for yourself!