

we are the DISCOVERERS



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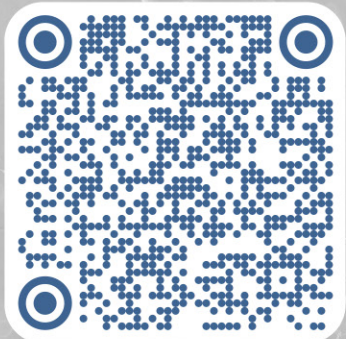




To prepare explorers for long term travel and to live and work on other planets, researchers are testing various crops and figuring out how to grow plants in orbit without much extra equipment or power.

To date, NASA has grown a variety of plants on the International Space Station, including lettuces, tomatoes, and peppers.

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The International Space Station's orbit provides a unique vantage point for observing our planet and the universe.

From thousands of images recording Earth's changing landscapes to collecting information about neutron stars, the space station offers useful data to farmers and astrophysicists alike.

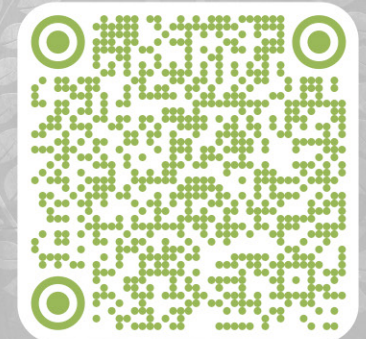
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Space exploration and scientific discovery have the power to inspire, and the International Space Station shares that inspiration through student and education programs.

Astronauts aboard the station have conducted student-led experiments and connected with over one million students from around the world, encouraging the next generation of explorers.

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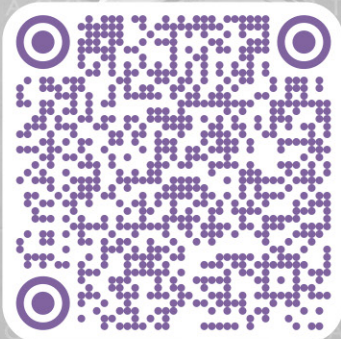




Tools and techniques to sequence, analyze, and even edit DNA aboard the International Space Station have opened new opportunities for research and discovery in space.

Not only are these methods useful for the exploration of our universe, they also can help evolve technology and benefit life on Earth.

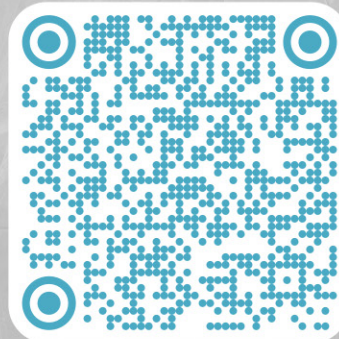
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Microgravity makes it possible to study the physics of the universe through a completely new lens.

International Space Station scientists are discovering fundamental knowledge through research on bubbles, fluid mixtures, and their behaviors to help improve life on Earth and advance our understanding for future exploration missions.

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From robotic helpers to 3D printing, studies on the International Space Station test a variety of technologies, systems, and materials that will be needed as explorers plan for future missions beyond low Earth orbit.

These technological advancements can also benefit life on Earth in a variety of industries and remote locations.

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