

SPACE EXPLORATION

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Space is the vast, seemingly infinite expanse that exists beyond the Earth's atmosphere. It is filled with a variety of celestial bodies, including stars, planets, moons, asteroids, and comets. The study of space and the universe is known as astronomy.





COMPONENTS OF SPACE

- **Stars**: Massive, luminous spheres of plasma held together by gravity. Our Sun is a star.
- Planets: Large celestial bodies that orbit stars. Earth is one of the eight planets in our solar system.
- **Moons**: Natural satellites that orbit planets. For example, the Moon orbits Earth.
- Asteroids and Comets: Small rocky bodies and icy bodies that orbit the Sun.



MILESTONES IN SPACE EXPLORATION

SPUTNIK 1

The first artificial satellite, launched by the Soviet Union in 1957

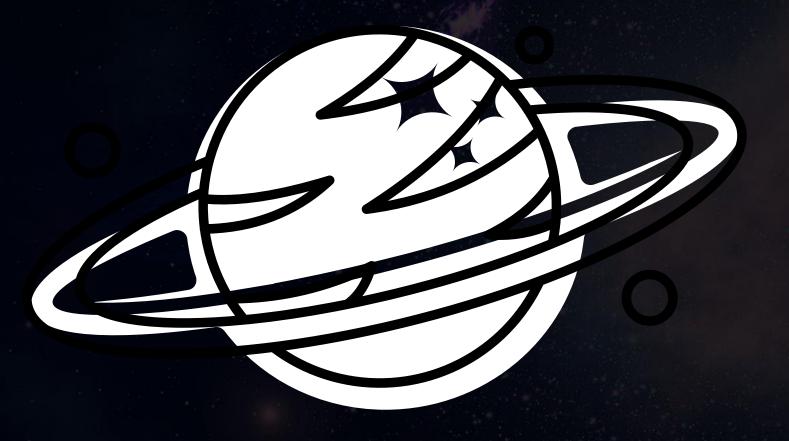
APOLLO 11

: The mission that landed the first humans on the Moon in 1969

INTERNATIONAL SPACE STATION (ISS)

A habitable artificial satellite that orbits Earth and serves as a research laboratory





IMPORTANCE OF SPACE EXPLORATION

Space exploration has led to numerous technological advancements and has increased our understanding of the universe. It has also inspired generations to pursue careers in science and engineering



FUTURE IN SPACE

SPACE TOURISM

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SPACE TECHNOLOGY

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