

Space Missions

Chapter 10: Space Missions · Topic 1

Key Concept

India's space program, led by ISRO, has achieved significant milestones, including the Mangalyaan Mars mission and Chandrayaan Moon missions.

Space missions use satellites for communication, weather forecasting, navigation, and scientific research about Earth and space.

Human spaceflight missions have expanded our understanding of living and working in space, contributing to future exploration plans.

Space exploration drives technological innovation, international cooperation, and inspires scientific curiosity about our place in the universe.

Quick Revision Notes

- ISRO: India's space program.
- Achievements: Mangalyaan (Mars), Chandrayaan (Moon).
- Satellites used for communication, weather, navigation.
- Also scientific research about Earth, space.
- Human spaceflight: understanding space living.
- Contributes to future exploration plans.
- Space exploration drives tech innovation.
- Also international cooperation, scientific curiosity.

Practice Questions

- 1 Research the Mangalyaan mission's achievements.
- 2 Research the Chandrayaan mission's achievements.
- 3 Discuss how satellites help daily life.
- 4 Research a human spaceflight mission.
- 5 Discuss why space exploration matters.
- 6 Explain India's space achievements in your own words.