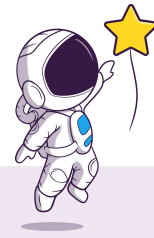


Name \_\_\_\_\_

# Space Exploration



## Journey to the Stars

Have you ever wondered what it's like to be in space? Astronauts, like Mae Jemison and Neil Armstrong, have had the incredible experience of traveling beyond Earth's atmosphere. These brave explorers train for years to be ready for space missions.

A journey into space begins with a rocket launch. Rockets are powerful machines that can travel at great speeds, breaking free from Earth's gravity. Once in space, astronauts can float inside their spacecraft because there is very little gravity. This feeling of weightlessness is both fun and challenging.

The spacecraft orbits Earth or other celestial bodies, following a curved path around them. During their mission, astronauts conduct scientific experiments, take pictures of our planet, and even repair satellites. These satellites are crucial as they help us with communication, weather forecasting, and navigation.

Living in space isn't easy. Astronauts have to adapt to new ways of eating, sleeping, and working. They need to stay fit by exercising daily to keep their muscles and bones strong. Despite the difficulties, the view of Earth from space makes all the hard work worthwhile.

Space exploration has led to many discoveries. It helps us understand more about our universe and has given us new technologies that improve our lives on Earth. As we continue to explore, who knows what amazing things we will find next?

**1. What is the main idea of the passage "Journey to the Stars"?**

- A. The passage describes the training required to become an astronaut.
- B. The passage explains the challenges and experiences of living and working in space.
- C. The passage talks about different types of rockets used for space missions.
- D. The passage focuses on the history of space exploration.

**2. Which of the following activities do astronauts perform while in space?**

- A. They build new rockets.
- B. They conduct scientific experiments.
- C. They fly satellites to different planets.
- D. They manage space tourism.

**3. In the passage, what does the word "orbit" most likely mean?**

- A. To travel in a straight line through space
- B. To follow a curved path around an object
- C. To float randomly without direction
- D. To land on a celestial body

**4. Why do astronauts need to exercise every day in space?**

- A. To prepare for spacewalks.
- B. To keep their muscles and bones strong in a low-gravity environment.
- C. To practice their scientific experiments.
- D. To stay entertained during the mission.