

FOCUS ON ENGINEERING FOR SPACE DISASTERS

1. Write a letter to a friend describing the challenges of liftoff.
2. If given the opportunity, would you want to visit the ISS? Why or why not?
3. When did the damage that caused the *Columbia* disaster occur?
 - A. during liftoff
 - B. during orbit
 - C. during reentry
4. Why is it important for astronauts to maintain muscle strength and bone mass in space?
 - A. so that they can survive the intense heat and gas pressure of reentry
 - B. so that when they return to Earth, they are strong enough to withstand Earth's gravity
 - C. so that they are strong enough to survive the effects of space radiation

Answer Key:

1. Answers will vary
2. Answers will vary
3. A
4. B