

Name \_\_\_\_\_

## Mae Jemison: The First African-American Woman in Space

### Short Answer Key

1. Mae Jemison was motivated to pursue a career in science and space exploration by her passion for the subjects and her parents' encouragement to follow her interests.
2. Mae Jemison's selection as the first African-American woman astronaut by NASA in 1987 was significant because it broke barriers and opened doors for underrepresented individuals in the field of space exploration.
3. The mission objectives of STS-47 included conducting scientific experiments in materials science, life sciences, and technology development.
4. Mae Jemison has continued to promote STEM education and diversity in the sciences through organizations like The Jemison Group and the Dorothy Jemison Foundation for Excellence, which work to inspire young students, especially girls and minority students, to pursue careers in STEM fields.
5. The organization founded by Mae Jemison that focuses on improving science education and inspiring young students is The Jemison Group and the Dorothy Jemison Foundation for Excellence.

