

Name _____

Beyond the Stars: The Significance of Space Exploration

Short Answer Key

1. Real-world implications include the search for habitable planets, advancements in scientific knowledge and technology, and the study of Earth's environment.
2. Space exploration has provided insights into the birth and evolution of stars and distant galaxies through telescopes like the Hubble Space Telescope.
3. Space exploration brings together scientists, engineers, and nations from around the world to collaborate on missions, exemplified by the International Space Station (ISS).
4. Space exploration inspires young people by offering grand challenges, discoveries, and the potential to contribute to advancements in science and technology.

