

Name _____

The Green Bank Observatory: Where the Stars Sing Songs of Secrets

Short Answer Key

1. The location of the Green Bank Observatory in the National Radio Quiet Zone is essential because it restricts radio signals, providing a silent environment where the telescope can listen to faint celestial signals without interference.
2. Some of the astronomical discoveries and studies conducted using the Green Bank Telescope include observing distant galaxies, mapping dark matter, and searching for signs of extraterrestrial intelligence.
3. Visitors at the Green Bank Observatory can explore the science center, engage in hands-on activities, and get a glimpse of the massive telescope itself.
4. The Green Bank Observatory's commitment to being a place for people of all ages to explore and learn is significant because it promotes scientific curiosity and education, ensuring that astronomy is accessible and exciting for everyone.
5. The idea of the universe "singing songs of secrets" at the Green Bank Observatory implies that the observatory is a place where the mysteries of the cosmos are revealed, and its beauty and wonders are shared with those who visit.

