

Name _____

Exploring the Depths: The Magic of Sonar in Underwater Navigation and Mapping

Open-Ended Response Questions

1. Investigate the historical evolution of sonar technology and its contributions to both military and civilian applications. How has sonar transformed our understanding of the underwater world?
2. Imagine you are a marine biologist exploring the deep ocean with the help of sonar. Describe the discoveries you might make and the significance of these findings for scientific research and marine conservation.
3. Explore the ethical considerations and potential environmental impacts associated with the use of sonar technology in underwater exploration. How can responsible sonar use benefit marine ecosystems?
4. Reflect on the future of sonar technology and its potential advancements. How might emerging technologies enhance our ability to explore and protect the world's oceans?

