Name _____

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

Multiple Choice Questions

1. What does the term "sonar" stand for?

a) Sunlight Observation and Ranging

b) Sound Navigation and Ranging

c) Submarine Observation and Reconnaissance

d) Seafloor Observation and Reflection

2. What was the primary purpose of the early development of sonar technology?

a) Mapping ocean currents

b) Detecting underwater earthquakes

c) Tracking submarines

d) Studying marine life

3. What principle is at the core of how sonar works?

a) Light refraction

b) Radio wave propagation

c) Echolocation

d) Magnetism

4. Which type of sonar system is commonly used to create detailed maps of the seafloor?

a) Single-beam sonar

b) Multibeam sonar

c) Side-scan sonar

d) Echo-location sonar

5. In addition to navigation and mapping, what is another application of sonar technology?

a) Meteorology

b) Telecommunications

c) Archaeology

d) Astronomy