

Name \_\_\_\_\_

## Dolphin Speed and Depth: Exploring the Limits of Aquatic Movement

### Open-Ended Response Questions

1. What factors contribute to the impressive speed of dolphins in the water, and how do these adaptations enhance their ability to move swiftly and efficiently?
2. Discuss the diving capabilities of dolphins and explain the physiological adaptations that enable them to dive to great depths without experiencing harmful effects.
3. How do the physical characteristics of dolphins, such as their streamlined bodies and muscular tails, contribute to their agility and precision in navigating underwater environments?
4. Compare the speed and depth capabilities of different dolphin species. How do species such as the common dolphin and the orca differ in their swimming and diving abilities?

