

Name _____

Riding the Wave: Classifying Waves in Physics

Open-Ended Response Questions

1. How can we use our knowledge of wave classification to improve communication technology?
2. Imagine you are on a beach, and you see both ocean waves and seagull feathers floating on the water. How would you classify each of these as waves or non-waves, and why?
3. In what ways do waves impact our daily lives, aside from communication technology and the visible waves we encounter?
4. Compare and contrast the properties of a high-frequency wave and a low-frequency wave. Provide examples for each type of wave.

