

Name _____

Taming the Tsunamis: Understanding Their Origins and Measures for Detection and Mitigation

Open-Ended Response Questions

1. Imagine you are a resident of a coastal community in a tsunami-prone area. Describe the steps you would take when you receive a tsunami warning, including evacuation procedures and finding safe areas.
2. Consider the impact of tsunamis on coastal ecosystems and infrastructure. Discuss the advantages and disadvantages of engineering solutions such as seawalls and breakwaters in mitigating the effects of tsunamis.
3. Explore the global efforts and collaborations involved in improving tsunami detection and mitigation strategies, especially in regions prone to frequent seismic activity.
4. Reflect on the role of public awareness and education in reducing the vulnerability of coastal communities to tsunamis. How can community involvement and preparedness contribute to disaster resilience?

