

Name: No.

"Tsunami: Nature's Powerful Wave"

Read the passage and answer the questions.

Tsunamis, colossal ocean waves triggered by seismic activity, embody the raw force of nature. Typically originating from underwater earthquakes or volcanic eruptions, these waves traverse vast stretches of the ocean, accumulating energy. When they reach coastal areas, tsunamis can unleash devastation, causing widespread flooding and destruction. The term "tsunami" originates from the Japanese words "tsu" meaning harbor and "nami" meaning wave, reflecting their historical impact on coastal communities in Japan. Early warning systems and public education are crucial in mitigating the impact of tsunamis, as communities strive to build resilience against these formidable natural events. Understanding the science behind tsunamis is essential for safeguarding coastal regions and fostering preparedness for these powerful oceanic phenomena.

1. What triggers the formation of tsunamis, according to the passage?

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2. Where does the term "tsunami" originate, and what does it mean?

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3. What can tsunamis cause when they reach coastal areas?

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4. What are two natural events mentioned in the passage that can trigger tsunamis?

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5. Why are early warning systems and public education crucial in mitigating the impact of tsunamis?

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