

Tsunami activity 13: **Tsunami vocabulary crossword puzzle**

Description: A crossword puzzle to help students to learn tsunami terminology.

Teacher instructions and notes:

1. Have the students complete the accompanying crossword puzzle in class or as homework. Puzzle can also be used as a back-up, to fill time in other periods.

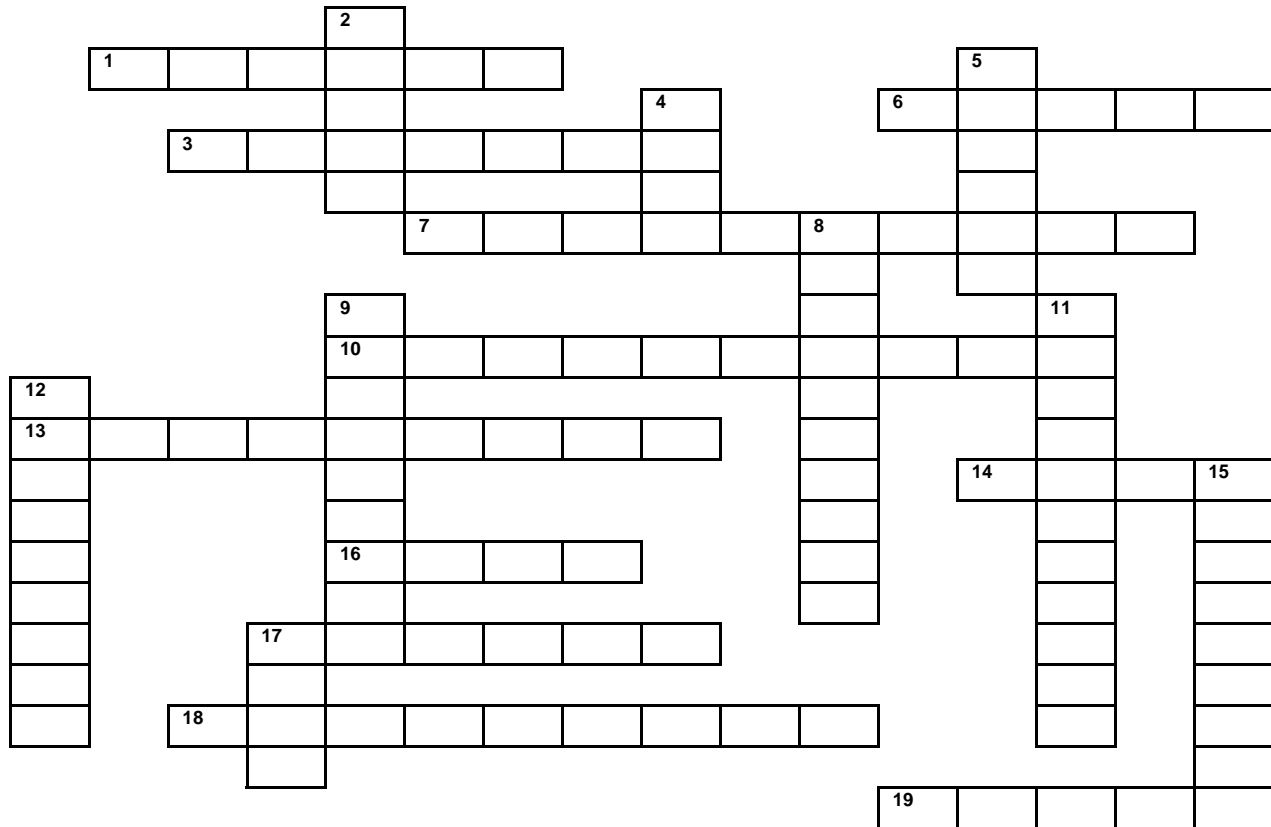
Answer Key:

Across

1. column
3. tsunami
6. crest
7. wavelength
10. evacuation
13. meteorite
14. wave
16. NFDL
17. period
18. landslide
19. shore

Down

2. run-up
4. fire
6. trough
8. earthquake
9. resonance
11. Indian Ocean
12. amplitude
16. epicentre
17. plan

Tsunami crosswordAcross

1. In deep water, wave height is less because energy is transferred over the entire water ____.
3. A series of catastrophic ocean waves generated by submarine movements.
6. Highest part of wave above the still-water line.
7. The vertical distance between 2 consecutive wave tops or 2 consecutive wave bottoms.
10. Emergency movement of people to avoid a hazard.
13. _____ impact can trigger a tsunami.
14. 'Tsunami' is Japanese for harbour ____.
16. Province (*abbrev.*) hit by deadly tsunami in 1929.
17. The amount of time between successive waves.
18. An abrupt downhill movement of soil and/or bedrock.
19. Wave velocity decreases and size increases as the wave approaches the ____.

Down

2. Maximum height of the water onshore observed above the 'normal' sea level.
4. The Pacific Ocean is encircled by a zone of frequent earthquakes and volcanic eruptions known as the Ring of ____.
6. Lowest part of wave the below still-water line.
8. The most common cause of a tsunami.
9. The continuous reflection (bounce) of waves off of the sides of a harbour or bay, leading to amplification of wave heights and increase in duration of wave activity is known as harbour ____.
11. Location of deadly tsunami that killed over 230,000 people in December 2004.
12. Measurement of the height of the wave above the still-water line.
16. The point on the earth's surface directly above the focus of the earthquake.
17. Every family living in low lying coastal areas should have an emergency ____ to help them react safely to possible tsunami events.