

Tsunamis activity 3: **Tsunami vocabulary games or quizzes**

Description: A crossword puzzle, word match game, and diagram exercise to help students to learn tsunami terminology. May also be used as a quiz.

Materials: Student worksheets:

1. Tsunami cross-word puzzle
2. Tsunami quiz

Teacher instructions and notes:

1. If the vocabulary was not taught in Activity 1, review with the students the list of definitions provided in Activity 1. They will need to know the following terminology:

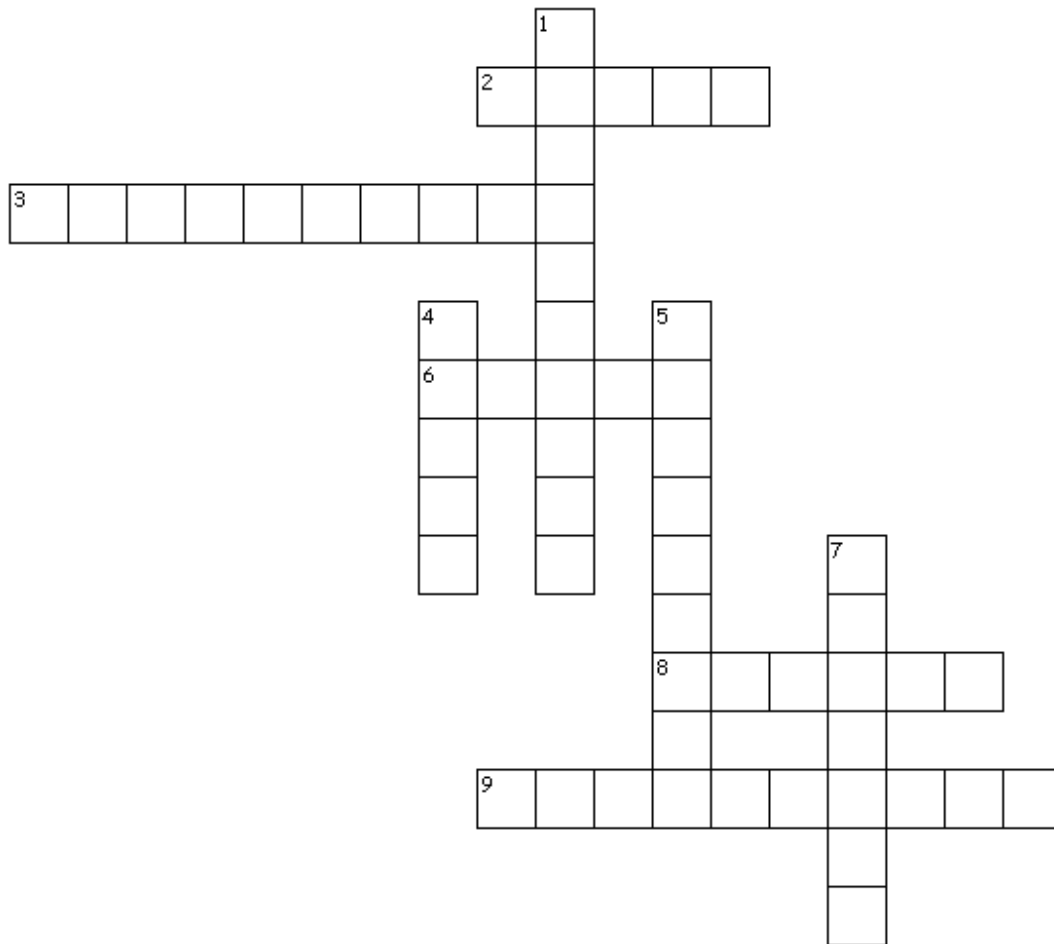
Tsunami	Japanese	Run-up
Time travel	Crest	Trough
Wave height	Wavelength	Sea level
Tide	Ring of Fire	Earthquake
Epicentre	Landslide	Submarine

2. Have the students complete the accompanying game sheets in class or as homework.
3. Note: The word match and diagram-labelling exercise could be used as a quiz.

Student worksheet 1

Name: _____

Tsunami cross-word puzzle



Across

2. The country from which the word tsunami originated
3. The Pacific Ocean is surrounded by large mountain chains, ocean trenches and islands, sometimes called the _____ (3 words, no spaces)
6. Greatest distance inland that the water extended, measured from the regular sea level shoreline
8. The lowest part of the wave
9. The time it takes the tsunami waves to move across the ocean (2 words, no spaces)

Down

1. The distance between the top of two waves
4. The top part of the wave
5. A location on the surface above where an earthquake occurred
7. Large ocean waves caused by earthquakes and submarine movements

Tsunami quiz

Part 1: Word match Draw lines to connect the word with its correct definition.

Tsunami	<ul style="list-style-type: none">• A quick movement of soil and/or bedrock down a hill because of gravity. Sometimes they are caused by an earthquake.
Run-up	<ul style="list-style-type: none">• The point on the earth's surface directly above the centre of an earthquake.
Landslide	<ul style="list-style-type: none">• The rise and fall of the ocean waters. This happens twice a day.
Japanese	<ul style="list-style-type: none">• A series of gigantic ocean waves caused by submarine movements.
Sea Level	<ul style="list-style-type: none">• Time that it took the tsunami to travel from the starting place to a specific place on the ocean.
Time Travel	<ul style="list-style-type: none">• The language from which the word tsunami came.
Epicentre	<ul style="list-style-type: none">• The height of the surface of the sea.
Tide	<ul style="list-style-type: none">• Greatest distance inland that the water moved, measured from the regular sea level shoreline.

Part 2: Label the parts of a tsunami wave

Label A, B, C, and D on the tsunami wave.

