



Activity: Tectonic Travels Crossword Puzzle

Purpose: To familiarize students with the tectonic stories of each travel decal.

Duration: 20 to 30 minutes (less time needed if students work in groups and use the word list)

Materials required:

- One copy of the crossword puzzle and clue list per student
- Puzzle solution for teacher reference
- *Tectonic Travel Decal* [information cards](#)

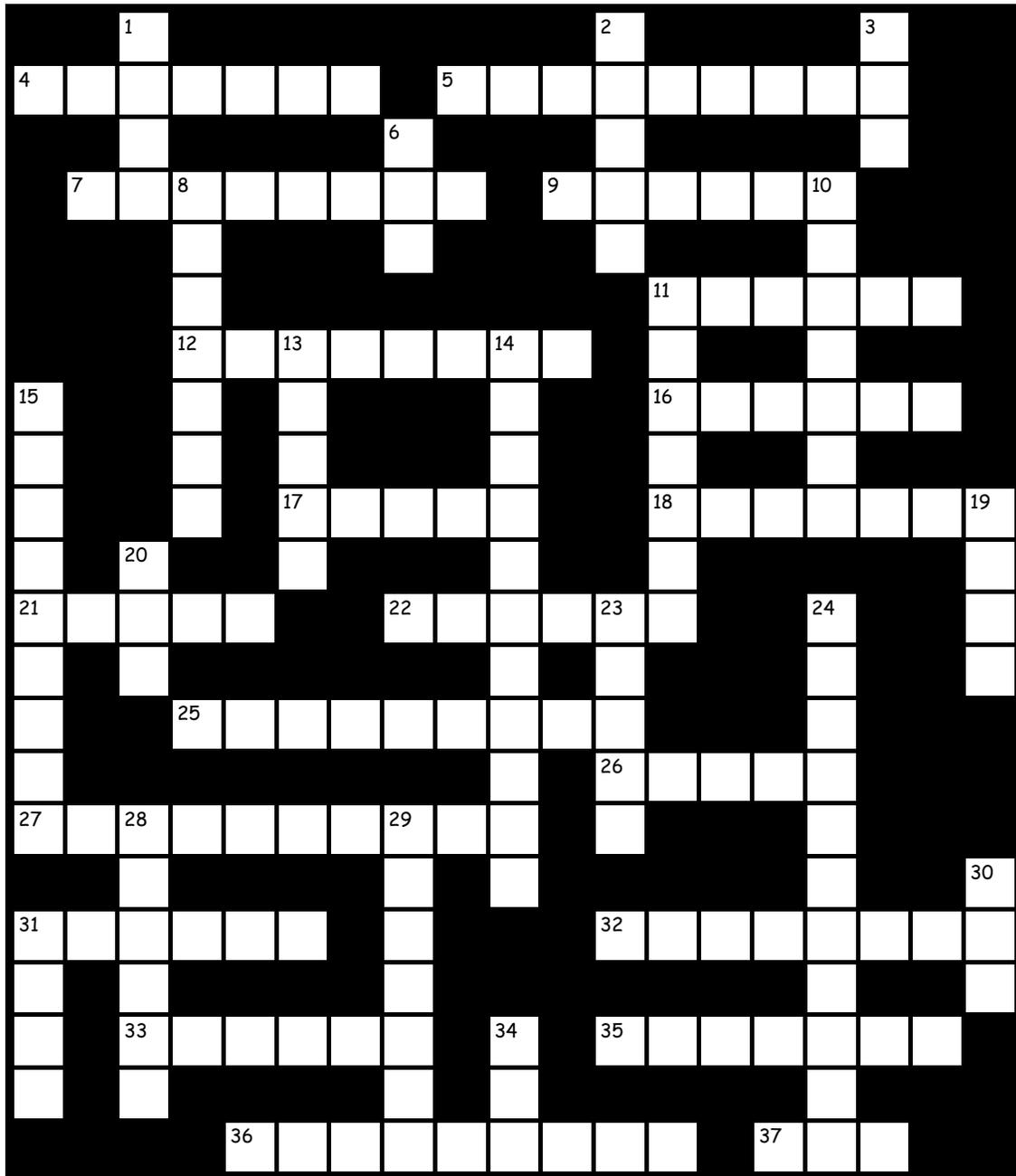
Optional materials:

- One copy of word list per student (using the word list will make this activity easier and quicker for students to complete)

Directions:

Post the *Tectonic Travel Decal* information cards in the classroom where all students can view them as needed. Have students work individually, in pairs, or in small groups, to complete the crossword puzzle. Answers to the clues can be found in the information cards.

Tectonic Travels Crossword



ACROSS

- 4.** A devastating wave that followed the 1883 eruption of Krakatau.
- 5.** The Snares are part of the Sub ----- Islands.
- 7.** This volcano buried Pompeii.

9. Go to New Zealand to visit this home to penguins.

11. The name of the people protected by the Rio Grande Rift.

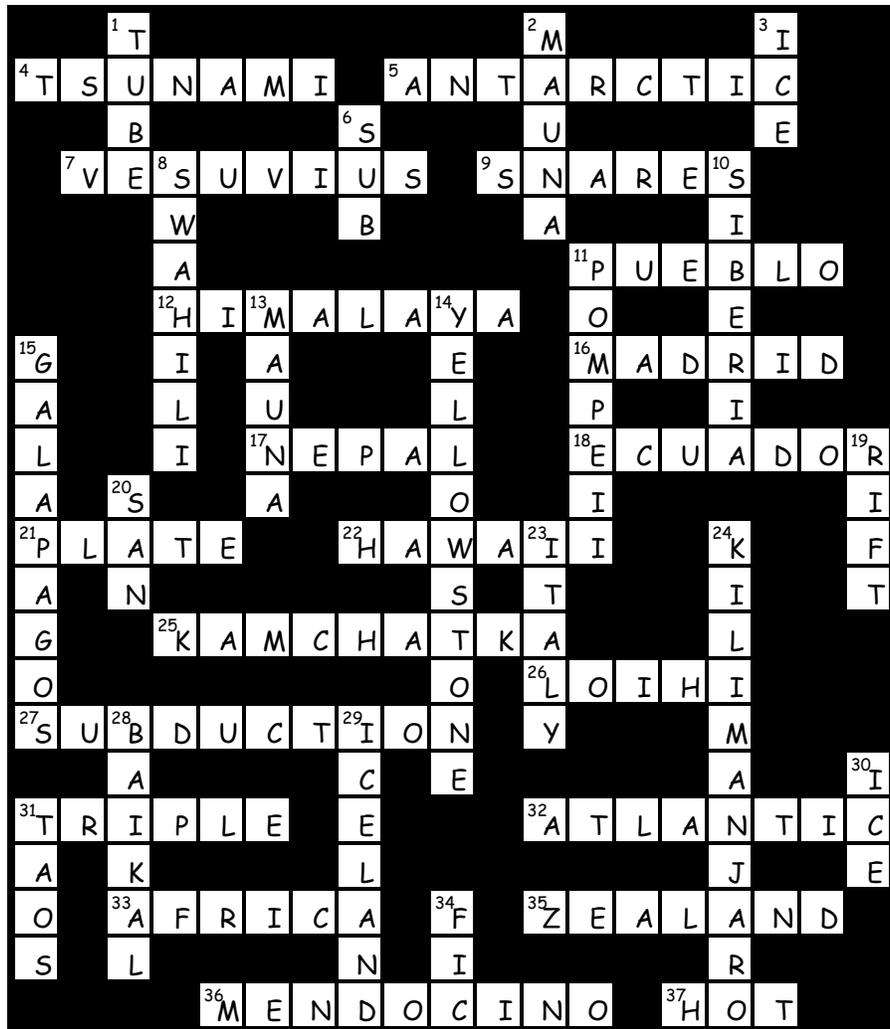
12. These mountains are formed by the tectonic collision of Asia and India.

- 16. New -----, Missouri; location of several severe earthquakes.
- 17. Mount Everest is in this country.
- 18. Visit this country to see the Galapagos Islands.
- 21. Tectonic, china, paper or home are examples of one.
- 22. "Surf's up" at this tectonic hot spot!
- 25. Home to the largest population of brown bears in the world.
- 26. Name of the next island to be added to the chain of Hawaiian Islands.
- 27. Sinking process occurring around the Pacific Ring of Fire.
- 31. The type of tectonic plate junction found at Mendocino, California.
- 32. The ocean that Iceland is in.
- 33. Visit this continent to see Kilimanjaro.
- 35. New -----, the country to visit to see the Snares.
- 36. Three tectonic plates meet here.
- 37. Hawaii is an example of a --- spot.

DOWN

- 1. The type of giant worms discovered at the Galapagos Rift.
- 2. Hawaiian for "mountain;" same as 13 down.
- 3. Visit ---land, to hike on a seafloor spreading center.
- 6. The Snares are part of the --- Antarctic Islands, near New Zealand.
- 8. Kilimanjaro means "shining mountain" in this language.
- 10. Cold Asian region of Earth's largest, deepest and oldest lake.
- 11. Buried by the eruption of Vesuvius in 79 A.D.
- 13. ----- Loa and -----Kea are both taller than Mount Everest.

- 14. A continental version of Hawaii.
- 15. Deep-sea ecosystems thriving in complete darkness thrive here.
- 19. The East African, Galapagos and Rio Grande are examples of one.
- 20. --- Andreas, the fault that moved in the San Francisco 1906 earthquake.
- 23. Visit this country to see ancient Pompeii.
- 24. Famous volcano on the East African Rift.
- 28. Home to the only freshwater species of seal on Earth.
- 29. The Mid-Atlantic Ridge runs through this country.
- 30. Expect to find plenty of this in a glacier; frozen water.
- 31. Pueblo de ----, New Mexico, near the Rio Grande Rift.
- 34. Paci--- Ring of Fire; last 3 letters of big ocean name.





Tectonic Travels Crossword Puzzle Word List

hot

fic (*word fragment*)

ice

Sub

San

Rift

Taos

tube

Italy

Loihi

Mauna

Nepal

plate

Africa

Baikal

Hawaii

Madrid

Pueblo

Snares

Triple

Ecuador

Iceland

Pompeii

Siberia

Swahili

tsunami

Zealand

Atlantic

Antarctic

Himalaya

Vesuvius

Galápagos

Kamchatka

Mendocino

subduction

Kilimanjaro

Yellowstone