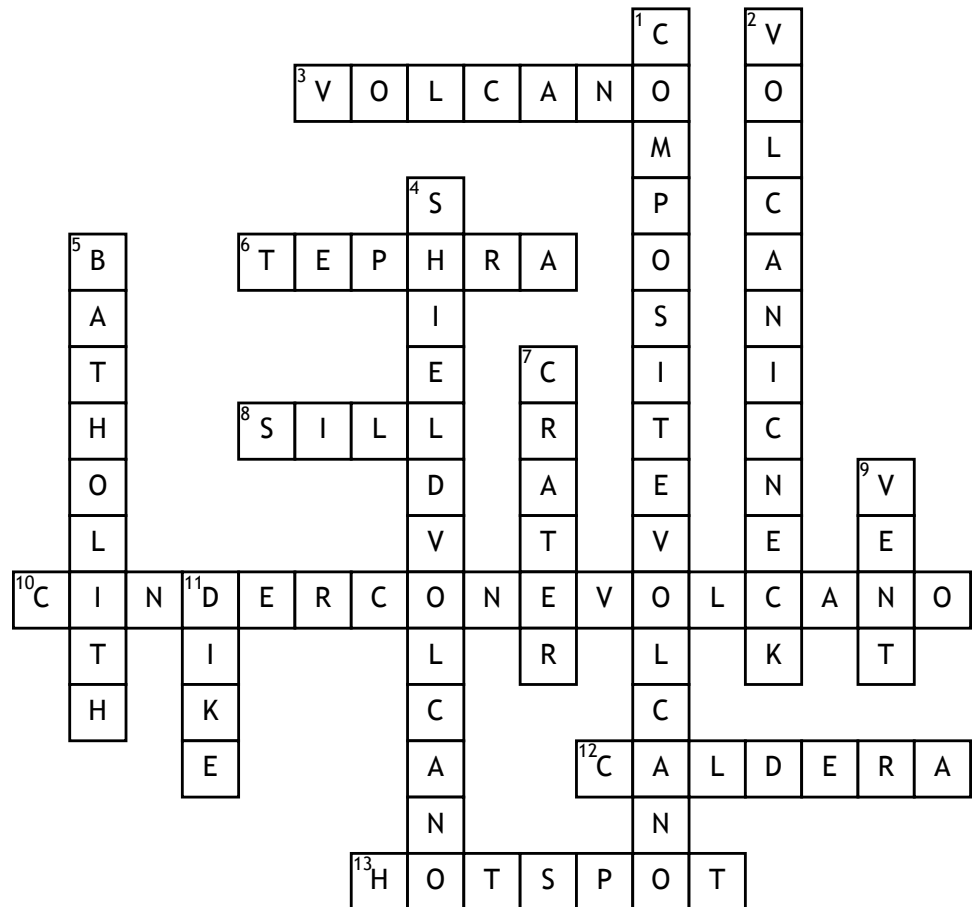


# Volcanoes Crossword Puzzle



## Across

3. opening in Earth's surface that erupts sulfurous gases, ash, and lava; can form at Earth's plate boundaries, where plates move apart or together, and at hot spots
6. bits of rock or solidified lava dropped from the air during an explosive volcanic eruption; ranges in size from volcanic ash to volcanic bombs and blocks
8. igneous rock feature formed when magma is squeezed into a horizontal crack between layers of rock and hardens underground
10. steep-sided, loosely packed volcano formed when tephra falls to the ground

12. large, circular-shaped opening formed when the top of a volcano collapses
13. the result of an unusually hot area at the boundary between Earth's mantle and core that forms volcanoes when melted rock is forced upward and breaks through the crust

## Down

1. volcano built by alternating explosive and quiet eruptions that produce layers of tephra and lava; found mostly where Earth's plates come together and one plate sinks below the other
2. solid igneous core of a volcano left behind after the softer cone has been eroded

4. broad, gently sloping volcano formed by quiet eruptions of basaltic lava
5. largest intrusive igneous rock body that forms when magma being forced upward toward Earth's crust cools slowly and solidifies underground
7. steep-walled depression around a volcano's vent
9. Opening where magma is forced up and flows out onto Earth's surface as lava, forming a volcano
11. igneous rock feature formed when magma is squeezed into a vertical crack that cuts across rock layers and hardens underground