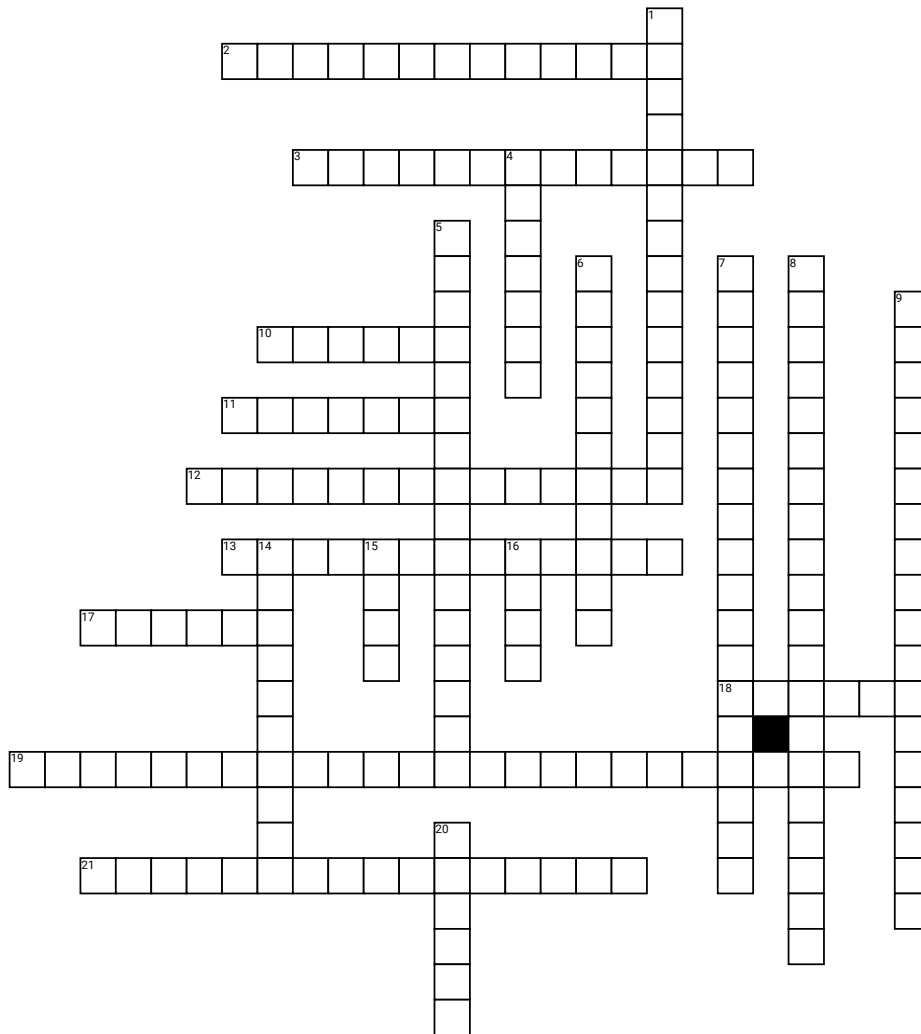


Chapter 8 Vocabulary



Across

2. a broad-flattened, dome-shaped volcano built up by successive quiet eruptions of runny lava
 3. a medium-sized volcano
 10. a hot spring that forcefully ejects hot water and steam from the ground at regular intervals
 11. having to do with molten or formerly molten earth materials
 12. a volcano that has not erupted within historical times
 13. a volcano that is currently erupting
 17. an intrusive igneous feature that formed when a large volume of magma cooled and solidified within a chamber in the earth's crust

18. a bowl-shaped depression on an astronomical body's surface
 19. an intensity scale that rates a volcano's destructiveness and explosive power
 21. the energy generated and stored in the earth that can be harnessed to generate electrical power and heat

Down

1. a volcano that has not erupted in current history
 4. an opening in the crust of the earth
 5. volcano's that form on top of the earth's crust
 6. a thick layer of igneous rock that covers a large area of the earth's surface

7. any process or feature that involves the forcible entry of magma into a pre-existing rock formation

8. solidified material
 9. the rate at which temperature rises with increasing depth into the earth's interior
 14. caused by eruptions that ejects mostly pyroclastic materials
 15. an opening in the earth's crust from which lava, ash, and gases escape
 16. molten rock that has escaped from the earth's interior
 20. rock fragments and particles ejected by a volcanic eruption

Word Bank

- | | | | |
|----------------------------|---------------------|---------------------|-----------------------|
| stratovolcano | shield volcano | intrusive volcanism | pyroclastic materials |
| volcano | crater | geyser | igneous |
| vent | geothermal energy | flood basalt | tephra |
| active volcano | geothermal gradient | extrusive volcano | pluton |
| extinct volcano | lava | cinder cone | dormant volcano |
| volcanic explosivity index | | | |