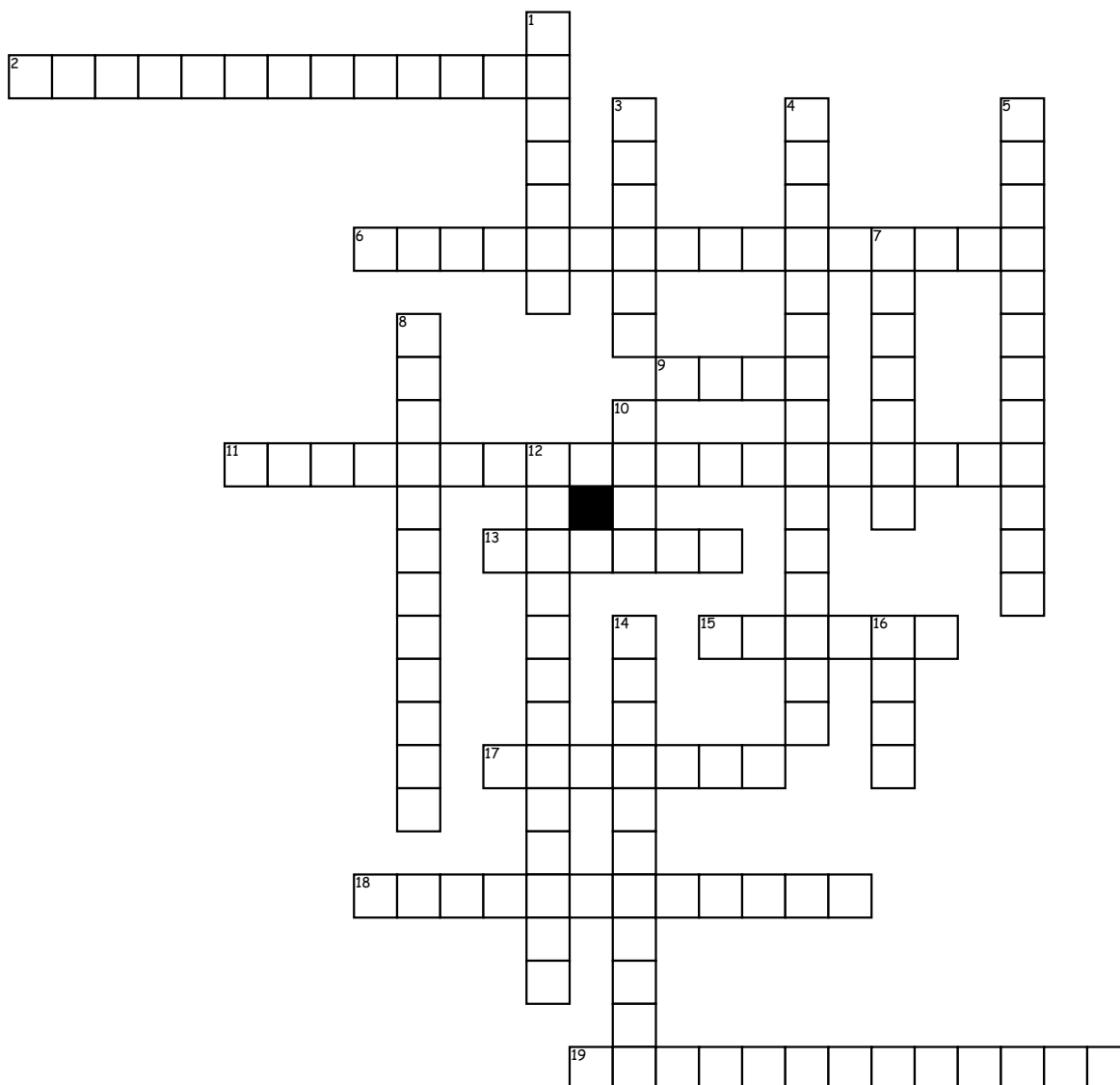


Unit 3 Lesson 4 Volcano's



Across

2. A steep, conical hill consisting of glassy volcanic fragments that accumulate around and downwind from a volcanic vent.

6. also known as a stratovolcano, a tall cone shaped mountain in which layers of lava alternate with layers of ash and other volcanic materials

9. hot molten or semifluid rock erupted from a volcano or fissure, or solid rock resulting from cooling of this.

11. is another name for a cloud of ash, lava fragments carried through the air, and vapor.

13. A bowl-shaped area that may form at the top of a volcano around the central vent.

15. A lava flow with a surface of rough, jagged blocks and sharp, angular projections

17. a mountain or hill, typically conical, having a crater or vent through which lava, rock fragments, hot vapor, and gas are being or have been erupted from the earth's crust.

18. a mass of molten rock larger than 64 mm in diameter, formed when a volcano ejects viscous fragments of lava during an eruption

19. a broad, domed volcano with gently sloping sides, characteristic of the eruption of fluid, basaltic lava.

Down

1. an area in the mantle that is super heated and melts through the crust far away from boundary

3. a very light and porous volcanic rock formed when a gas-rich froth of glassy lava solidifies rapidly.

4. a dense, destructive mass of very hot ash, lava fragments, and gases ejected explosively from a volcano and typically flowing downslope at great speed.

5. This lava flows slowly, like wax dripping from a candle. Its glassy surface has rounded wrinkles

7. a large volcanic crater, typically one formed by a major eruption leading to the collapse of the mouth of the volcano.

8. fine particles of rock powder that are blown out from a volcano and that may remain suspended in the atmosphere for long periods producing red sunsets and climatic modifications thousands of miles away

10. A deep valley that forms where two plates move apart

12. a volcano built up of alternate layers of lava and ash.

14. very small solid particles ejected from a volcano during an eruption

16. the locations from which lava flows and pyroclastic material are erupted.