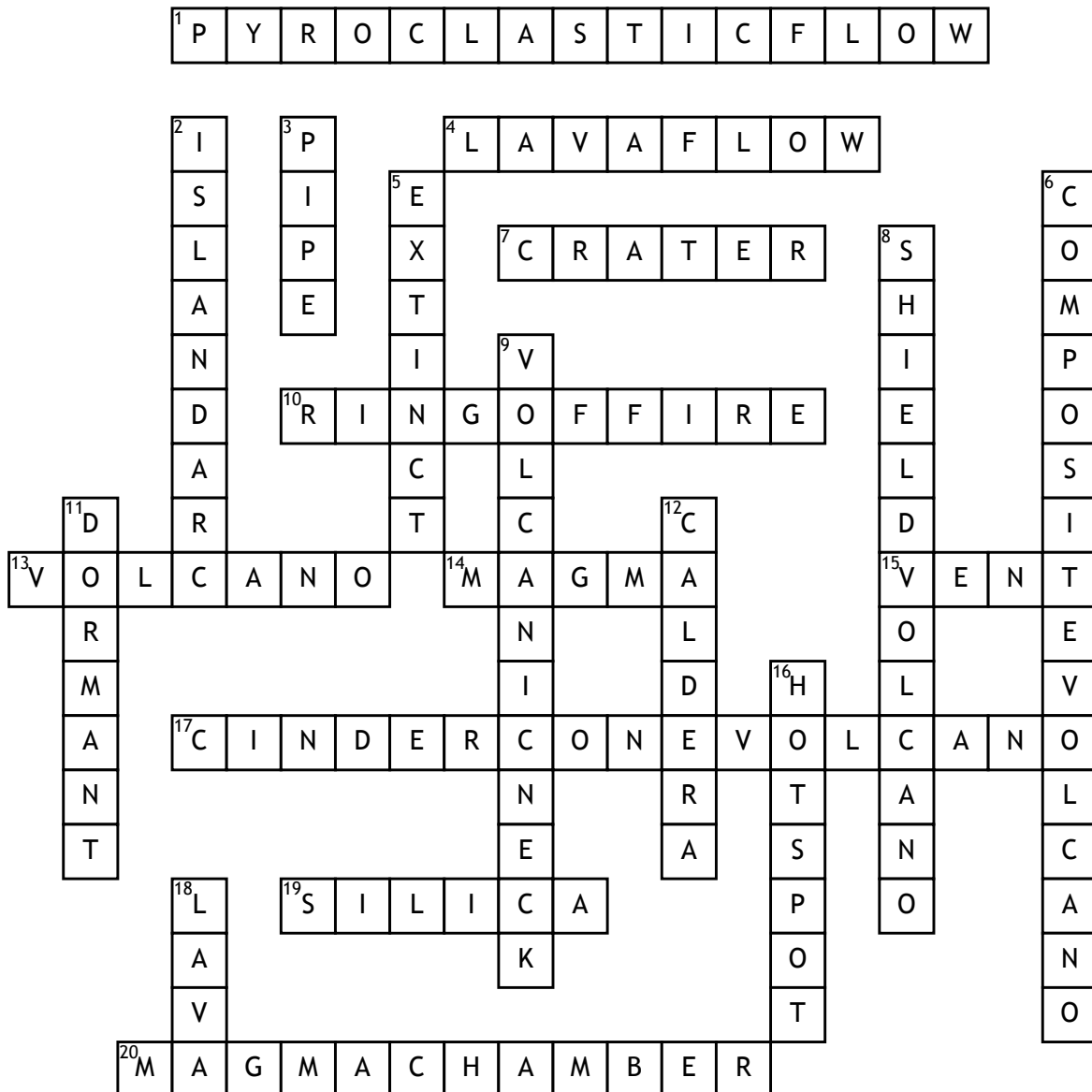


Name: _____

Date: _____

Volcanoes



Across

1. mixture of hot gases, ash, cinders, and bombs that flow out of a volcano when it erupts explosively

4. spread of lava as it pours out of a vent

7. bowl-shaped area that can form at the top of a volcano around its main vent

10. major belt of volcanoes that rim the Pacific Ocean

13. weak spot in Earth's crust where magma comes to the surface

14. mixture of molten rock-forming substances, gases, and water

15. area where molten rock and gas leave the volcano

17. small hill or mountain made of ash, cinders, and bombs piled up around a volcano's opening

19. material found in magma that forms from oxygen and silicon

20. pocket beneath a volcano where magma collects

Down

2. string of volcanoes that form as a result of one oceanic plate going on top of another

3. long tube in a volcano that magma moves through

5. volcano that is unlikely to erupt ever again

6. tall, cone-shaped mountain where layers of lava alternate with ash layers

8. gently sloping mountain formed by quiet eruptions

9. deposit of hardened magma in a volcano's pipe

11. volcano that scientists expect to awaken in the future and become active

12. hole at the top of a volcano formed when its magma chamber collapses

16. area where material from Earth's mantle rises to the crust and melts to form magma

18. magma when it reaches Earth's surface