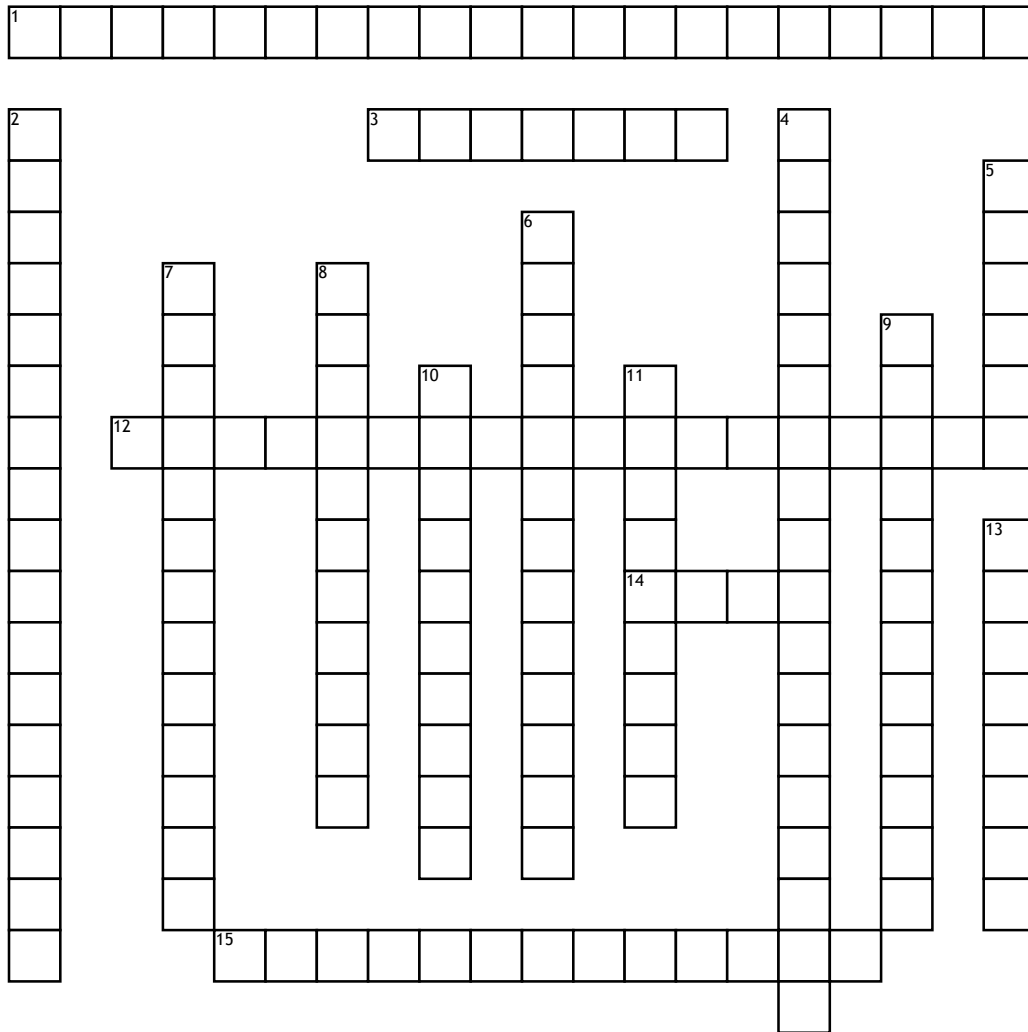


Name: \_\_\_\_\_

Date: \_\_\_\_\_

# Geology



**Across**

- 1. rocks are broken down physically into smaller pieces
- 3. pollutant in oceans that is often mistaken for food and eaten by fish
- 12. large cone shaped volcanoes made from alternating layers of lava and pyroclastic material
- 14. large circular ocean current
- 15. wide, only slightly domed, and made from very fluid lava

**Down**

- 2. ocean plates move apart at mid ocean ridges
- 4. transformation of rock into one or more new compounds
- 5. hot mud flows can be triggered by eruptions and are deadly
- 6. is preserved in iron particles in rocks as they cool and harden at the rift
- 7. destroyed at trenches

**8. rock changing shape**

- 9. water freezes and expands into rock cracks
- 10. cone shaped, usually small, and formed of lava fragments and ash
- 11. travel through earth's interior - p-waves-s-waves
- 13. the layer of rock and mineral fragments which cover the earth's surface

**Word Bank**

- |                     |                |                       |                     |
|---------------------|----------------|-----------------------|---------------------|
| old ocean crust     | magnetic field | shield volcano        | wave                |
| composite volcanoes | frost wedging  | regolith              | cinder cone         |
| sea floor spreading | deformation    | lahars                | chemical weathering |
| body waves          | plastic        | Mechanical weathering |                     |