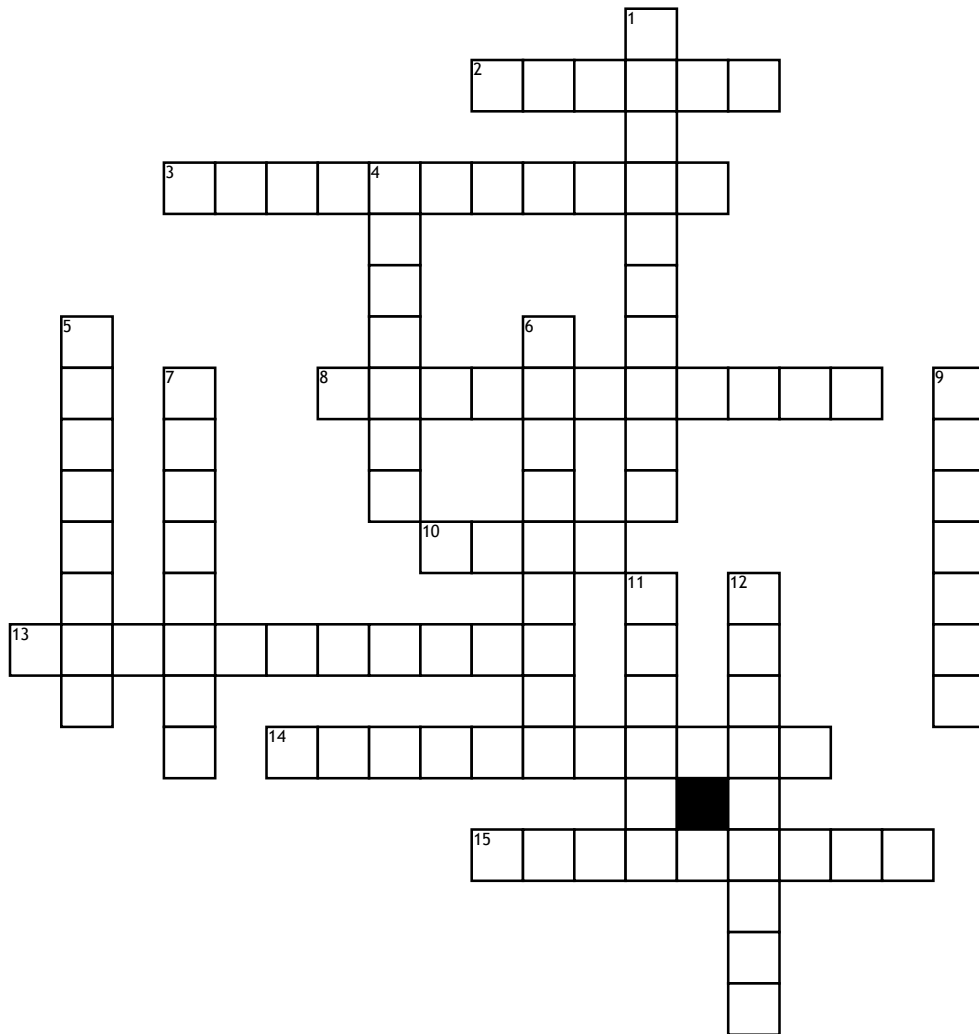


# Rock Puzzle



**Across**

- 2. Color of a rock's powder
- 3. Does not have silicate
- 8. Do not have bands
- 10. Naturally occurring, solid mixture of one or more minerals that may also include organic matter
- 13. Forms when pressure, temperature, and chemicals processes change existing rock

- 14. Forms when sediment from older rocks get pressed and cemented together or from precipitation
- 15. Lava cools quickly on Earth's surface forming small crystals

**Down**

- 1. Wear away or change appearance or texture of rock by long exposure to air
- 4. Forms when molten rock cools and hardens

- 5. Mineral grains realign to form bands due to pressure
- 6. Series of processes in which rocks change from one type to another
- 7. When a rock can split into geometric shapes
- 9. Made of cemented sediment
- 11. How light reflects from surface of rock
- 12. Magma cools slowly below Earth's surface forming large crystals

**Word Bank**

- |           |            |             |              |             |
|-----------|------------|-------------|--------------|-------------|
| Extrusive | Cleavage   | Rock        | Non-silicate | Nonfoliated |
| Igneous   | Weathering | Rock Cycle  | Clastic      | Foliated    |
| Streak    | Luster     | Metamorphic | Sedimentary  | Intrusive   |