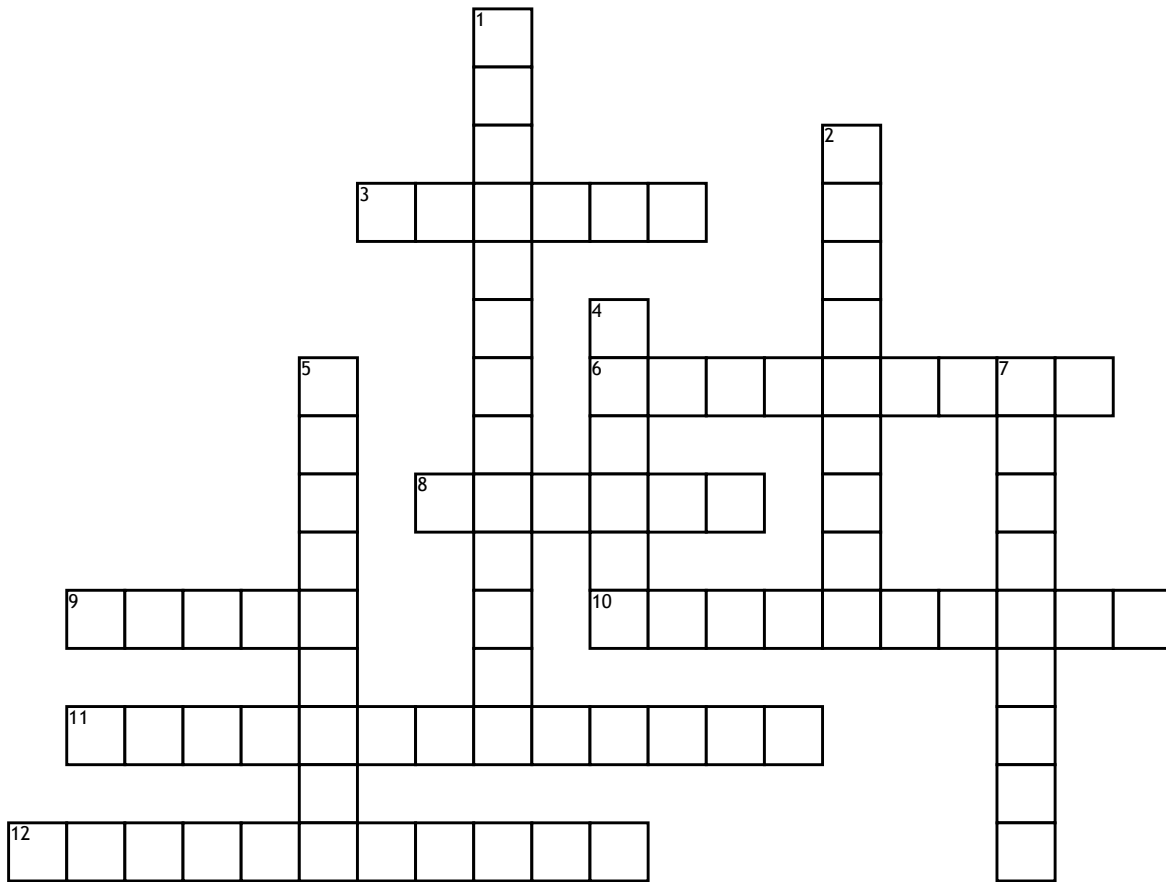


# Volcanoes and Igneous Rocks



**Across**

- 3. magma cools over long periods of time allowing visible mineral crystals to grow
- 6. lava cools quickly on Earth's surface
- 8. lava cools too fast for crystallization to occur
- 9. Materials are dense and darker in color ( oceanic crust )

- 10. Magma with medium viscosity produces this , the most common types of volcanoes , they are also typically the smallest
- 11. Large , flat, wide volcano that is built horizontally
- 12. dull and individual mineral grains are too small to see

**Down**

- 1. tall, mountain-like , volcano that grows vertically layer by layer with each violent eruption
- 2. lava cools slowly under the Earth's surface
- 4. Materials are less dense and lighter in color
- 5. a form of glass texture with air pockets ( bubbles )
- 7. Thickness of lava