

Igneous, Sedimentary, and Metamorphic Rocks Activity Answers

1. **Sedimentary** rocks are formed in rivers, lakes, and streams.
2. **Igneous** rocks are formed from the cooling and solidification of magma and lava.
3. **Metamorphic** rocks are existing rocks that have been changed because of heat and pressure.
4. Basalt, gabbro, and granite are types of **igneous** rocks.
5. Sand, silt, clay, and the skeletons of corals and mollusks form **sedimentary** rocks.
6. **Metamorphic** rocks are the result of change in the crystals of existing rocks.
7. **Sedimentary** rocks are formed from deposition within bodies of water.
8. When high heat and pressure are applied to calcite crystals in sedimentary rocks they become **metamorphic** marble rock.
9. **Igneous** rocks are the result of volcanic eruptions.
10. **Metamorphic** rocks form when tectonic plates collide.
11. Limestone, sandstone and chalk are types of **sedimentary** rocks.
12. **Igneous** rock formations are extrusive or intrusive, flowing out of volcanoes.
13. The Colorado River runs through the Grand Canyon, so rocks in the Grand Canyon are **sedimentary** rock.
14. Most of the rock in Hawai'i is **igneous** rock.
15. Gneiss, hornfels, schist, and slate, formed under high pressure and high temperature, are types of **metamorphic** rock.