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# Activities

## Virtual Rock Hounding

Name: _____ Date: _____

There are hundreds of different kinds of rocks, but all are classified as either igneous, sedimentary, or metamorphic. In this Planet Diary activity, you'll do some virtual rock hounding to identify and sort rocks.

### Directions

- Compare igneous, sedimentary, and metamorphic rocks. For this activity, you'll look at these eight rocks: basalt, halite, marble, obsidian, pumice, quartzite, sandstone, and shale. Click the links to each kind of rock to learn more about it.
- Which of the eight rocks matches each description in the Workspace table? What type is it? Use the information to complete the table.

### Workspace

| Description | Rock Name | Rock Type |
|---|---|---|
| Porous, light rock that forms from explosive volcanic eruptions. | | |
| Coarse-grained rock that forms from sandstone. | | |
| Hard, black volcanic rock with low silica content. | | |
| Made up of sand particles cemented together. | | |
| Forms from limestone. | | |
| Forms when a body of seawater becomes closed off and evaporates. | | |
| Made up of silt particles cemented together. | | |
| Dense, shiny volcanic glass. | | |

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