

Rock and Mineral Specimens

Set Contents

The Rock and Minerals Specimens set is a collection of select rocks and minerals that help teach key themes in earth science such as how Earth was formed, what it is made of, what processes led to Earth's features being the way they are today (plate tectonics), and natural resources.

| Name | Type | Comments | Chapters* |
|---------------|-------------|---|-----------|
| Phyllite | Metamorphic | Example of regional metamorphism (formed by heat and pressure) | 8 |
| Banded Gneiss | Metamorphic | Example of regional metamorphism (formed by heat and pressure) | 8 |
| Andesite | Igneous | Continental crust is made up of mostly andesite and granite | 7, 8, 10 |
| Granite | Igneous | Three pieces to show variation; pink and gray granite; continental crust is made up of mostly andesite and granite | 7, 8, 10 |
| Pegmatite | Igneous | A coarse-grained igneous rock that can contain gemstones | 10 |
| Welded Tuff | Igneous | Composed of welded hot cinders and ash from a pyroclastic flow | 10 |
| Obsidian | Igneous | Solidified silica-rich magma, low in dissolved gas; commonly called volcanic glass | 10 |
| Basalt | Igneous | The oceanic crust is made of basalt | 7,10 |
| Gabbro | Igneous | Forms when magma solidifies below Earth's surface; an intrusive igneous rock | 10 |
| Rhyolite | Igneous | An extrusive volcanic rock | 10 |
| Shale | Sedimentary | A fine-grained sedimentary rock made of clay and mud particles. Mudstone is made up of even finer clay and mud particles than shale. A rock typically formed from sediments deposited in slow-moving water. | 12 |
| Sandstone | Sedimentary | Composed of sand particles | 12 |
| Conglomerate | Sedimentary | Composed of large pebbles and smaller particles | 12 |
| Quartz | Mineral | A mineral made of silica and found in granite. Sand grains are bits of quartz and feldspar. | 12 |
| Feldspar | Mineral | Cream to pink or white to grey. A mineral found in granite. Sand grains are bits of quartz and feldspar. | 12 |
| Muscovite | Mineral | A mineral found in granite | |
| Biotite | Mineral | A mineral found in granite | |

TOTAL ROCK QTY 19

*For associated chapters, consult your CPO Science Focus on Earth Science Text.

For technical assistance, please call 866.588.6951.