

<p>fossil</p>	<p>a remnant, impression, or trace of an organism of past geologic ages that has been preserved in the earth's crust</p>
<p>calcite</p>	<p>a mineral substance made up of calcium carbonate and found in numerous forms including limestone, chalk, and marble</p>
<p>crystal</p>	<p>the geometric shapes that a mineral forms when its atoms and molecules are in fixed patterns</p>
<p>diamond</p>	<p>very hard stones of crystallized carbon that are used as precious gems and as a powder for grinding, smoothing, or polishing</p>
<p>emerald</p>	<p>a rich green variety of beryl: the gem that is the birthstone for May</p>

fluorite

a transparent or nearly transparent mineral of different colors that consists of a fluoride of calcium and is used as a flux and in making glass

granite

an igneous rock that forms underground

igneous

a type of rock formed when melted rock cools and hardens

limestone

a sedimentary rock made mostly of calcite

metamorphic

formed when heat and pressure act over a long period of time to convert one type of rock into another, as limestone into marble

mica	any of various minerals that contain silicon and can be separated easily into thin, often transparent, sheets
obsidian	a dark natural glass formed by the cooling of lava
pumice	a type of rock that forms when lava erupts from volcanoes
pyrite	a common mineral that consists of iron combined with sulfur, has a pale brass-yellow color and metallic luster, and is used especially in making sulfuric acid
quartz	a type of rock that forms when lava erupts from volcanoes

sandstone

a sedimentary rock made of sand particles cemented together

sedimentary

formed by or from sediment

shale

a rock with a fine grain formed from clay, mud, or silt

slate

a dense, fine-grained, rock formed by compression of shales or other rocks that splits readily into thin layers or plates

talc

the softest mineral; it has a soapy feel and is used in making talcum powder