

## Word List – With Definitions

<b>Word</b>	<b>Definition</b>
<b>fossil</b>	a remnant, impression, or trace of an organism of past geologic ages that has been preserved in the earth's crust
<b>calcite</b>	a mineral substance made up of calcium carbonate and found in numerous forms including limestone, chalk, and marble
<b>crystal</b>	the geometric shapes that a mineral forms when its atoms and molecules are in fixed patterns
<b>diamond</b>	very hard stones of crystallized carbon that are used as precious gems and as a powder for grinding, smoothing, or polishing
<b>emerald</b>	a rich green variety of beryl: the gem that is the birthstone for May
<b>fluorite</b>	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
<b>granite</b>	an igneous rock that forms underground
<b>igneous</b>	a type of rock formed when melted rock cools and hardens
<b>limestone</b>	a sedimentary rock made mostly of calcite
<b>metamorphic</b>	formed when heat and pressure act over a long period of time to convert one type of rock into another, as limestone into marble
<b>mica</b>	any of various minerals that contain silicon and can be separated easily into thin, often transparent, sheets
<b>obsidian</b>	a dark natural glass formed by the cooling of lava
<b>pumice</b>	a type of rock that forms when lava erupts from volcanoes
<b>pyrite</b>	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
<b>quartz</b>	a type of rock that forms when lava erupts from volcanoes
<b>sandstone</b>	a sedimentary rock made of sand particles cemented together
<b>sedimentary</b>	formed by or from sediment
<b>shale</b>	a rock with a fine grain formed from clay, mud, or silt

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<b>slate</b>	<b>a dense, fine-grained, rock formed by compression of shales or other rocks that splits readily into thin layers or plates</b>
<b>talc</b>	<b>the softest mineral; it has a soapy feel and is used in making talcum powder</b>