

rock cycle

igneous

magma

granite

sedimentary

cementation

intrusive rock

metamorphic

deposition

extrusive rock

lava

diamond

Molten rock in the earth's crust.

Rock formed by the cooling of molten magma or from lava.

The changing of rocks from one type of rock to another that takes place over time.

The gluing together of particles of sediment.

formed when sediments are compressed or cemented together.

An igneous rock, made of different minerals, that has a visible crystalline texture; usually made of feldspar and mica and quartz.

sediment settles out of the water or wind carrying it and is deposited in a new location

Rocks that have been changed by high heat or very high pressure.

An igneous rock that forms underground from hardened magma

A form of the element carbon: it is the hardest mineral crystal on Earth.

What magma is called when it reaches the surface.

Fine grained igneous rocks that cool quickly on Earth's surface

cleavage

coal

foliated

fracture

erosion

non-foliated

Moh's Hardness Scale

weathering

course grained

luster

compaction

fine grained

visible layers or bands on a rock

Hard, black mineral formed from organic materials by the action of heat and pressure.

The way some minerals break along flat surfaces.

describes metamorphic rock whose grains are arranged randomly, with no layers

the destructive process in which water or wind loosen and carry away fragments of rock.

a break or crack in a rock.

Visible grains that can be seen by the naked eye.

water, wind, or ice breaking up the surface of the Earth.

The scale that's used to determine the level of hardness of different minerals.

Small crystals that are too small to be seen without using a microscope.

Squeezing together of sediments to form rock.

light reflected from the surface of a mineral

porphyritic

geologist

breccia

sediment

clastic rock

mantle

gemstone

chemical rock

ore

mineral

conglomerate

organic

A sedimentary rock made up of fragments of other rocks and pebbles that have sharp edges.

A scientist who studies the earth.

A combination of fine grained and coarse grained crystals in a rock.

The in between layer of the earth, the middle layer, made up of molten or melted rock.

A sedimentary rock that forms when rock fragments are squeezed together.

A deposit of sand and mineral fragments, usually laid down by water.

Is any rock that contains a metal or other economically useful material.

Sedimentary rock made from minerals that were once dissolved in water.

Beautiful and valuable mineral used for jewelry.

Plant and/or animal material. Of or relating to or derived from living organisms.

A rock made up of small pebbles and pieces of other rounded rock.

solid element or compound from the earth's crust that has a definite chemical composition and crystal shape.

inorganic

prospector

vein

alloy

Not living or never was  
living.

A person who searches a  
region looking for gold,  
silver, oil or other valuable  
resources.

A thin line in rock where  
gold is found.

A common metal, as  
copper, mixed with a  
precious metal, as gold,  
often to give hardness.