

The Rock Cycle

A learn-along activity sheet to accompany the Gillespie Museum's ROCK CYCLE video/resources

The Rock Cycle is a geological concept that illustrates how the three main types of rock—sedimentary, metamorphic, & igneous—are related, by describing the conditions required to transform one type into another.

Use the word bank below, and the rock cycle diagram from page-2, to fill in the blanks in the following section on the **three rock types** and the **rock cycle**.

Sedimentary Rocks

	n into small pieces by water, wind, or ice, the resulting
	movement of these eroded particles to a new location
	of sediments building up in a
	of the earth. It can take a lot
	pecome compacted by from
the weight of water or overtopping earth, they can	olidify into rocks like limestone, sandstone, and shale.
Metamorphic Rocks	
	by natural geological processes, conditions
can arise that will the rock	s chemistry, and turn it into a completely different kind
of rock. Over much time, if enough	and build up around
the old rock, it will eventually transform into a new	v, metamorphic rock, like marble, quartzite, or slate.
Igneous Rocks	
When rocks underground become exposed to the	heat resulting from geological
· 프라이트 (1987년 1987년 1	actually melt. Melted, or molten rock located below
the ground level is called	_, but if melted rock becomes exposed on the earth's
surface through volcanic activity it is called	. When magma is able to cool and
solidify underground, it forms	igneous rocks, like granite. When lava
cools above ground, ignec	ous rocks, like basalt, obsidian, and pumice, are formed.
change extrusive layer pressure intrusive	

