

# IGNEOUS Dichotomus Key

Does the rock have minerals you can see without magnification?	Yes	Is the rock multi-colored?	Yes	<b>Granite</b>											
			No	Is the rock a dark color?	Yes	<b>Gabbro</b>									
					No	<i>Go back to the beginning and start again!</i>									
	No	Does the rock have minerals you can see with magnification?	Yes	Is the rock a dark color?	Yes	<b>Basalt</b>									
					No	Is the rock a light color?	Yes	<b>Rhyolite</b>							
							No	<i>Go back to the beginning and start again!</i>							
			No	Is the rock shiny like glass?	Yes	<b>Obsidian</b>									
					No	Does the rock have air holes?	Yes	Is the rock dark in color?	Yes	<b>Scoria</b>					
									No	Does the rock float in water?	Yes	<b>Pumice</b>			
							No	Go back to the beginning and start again!							
									No	<i>Go back to the beginning and start again!</i>					
										<i>Go back to the beginning and start again!</i>					

### SEDIMENTARY Dichotomus Key

Is the rock made of pebble-sized sediment?	Yes	Does the rock contain seashells?	Yes	<b>Coquina</b>						
			No	Does the rock have rounded pebbles?	Yes	<b>Conglomerate</b>				
					No	Does the rock have angular pebbles?	Yes	<b>Breccia</b>		
				No			<i>Go back to the beginning and start again!</i>			
	No	Is the rock made of sand-sized sediments?	Yes	Can sand be scraped off using a steel nail?	Yes	<b>Sandstone</b>				
					No	<i>Go back to the beginning and start again!</i>				
			No	Does the rock react with acid?	Yes	<b>Limestone</b>				
					No	Is the rock a shiny black color?	Yes	<b>Coal</b>		
				No			Does the rock look like mud or clay?	Yes	<b>Shale</b>	
						No		<i>Go back to the beginning and start again!</i>		

# METAMORPHIC Dichotomus Key

Does the rock have visible bands?	Yes	Is the rock black and white in color?	Yes	<b>Gneiss</b>					
			No	Is the rock a dark color like mud or clay?	Yes	<b>Slate</b>			
					No	Does the rock have a sparkly substance in it?	Yes	<b>Mica Schist</b>	
							No	<i>Go back to the beginning and start again!</i>	
	No	Is the rock a dark color?	Yes	Does the rock scratch glass?	Yes	<b>Quartzite</b>			
					No	<i>Go back to the beginning and start again!</i>			
			No	Does the rock react to acid?	Yes	<b>Marble</b>			
						No	<i>Go back to the beginning and start again!</i>		