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What is a Valley Glacier?

A Valley Glacier is formed when a glacier passes over an area of land, and the pressure beneath the ice is large enough to actually melt the ice on the bottom. The water seeps into cracks in the rock, and then refreezes, causing the rock to crack. Then more water seeps into the larger cracks formed, and refreezes. Eventually, a piece of rock breaks off, and the ice continues to crack the rock apart until a valley has formed.

How does a Glacier move?

When a layer of ice becomes very heavy, it will flow out of its hollow and down the mountainside. It is now a glacier. As it moves downhill, it picks up tons of sand, gravel and broken rock. These pieces are pushed to the side or pushed ahead of the glacier, forming a moraine. An extremely large piece of moraine is called an erratic. Finally the glacier reaches the lowlands, where it most likely will melt.