

Erosion is the process of land breaking down by rocks moving or being moved. Weathering is a type of erosion which occurs without rocks actually moving. There are different types of weathering.

Directions: Match each type of weathering to its definition.

mechanical weathering freeze-thaw	Weathering that occurs when flowing water collects salts and ions and enters rock. Salt crystals left after the water dries up grow and act like a wedge within the rock, breaking it apart.
mechanical weathering salt wedge	Weathering that occurs when iron in rock gets exposed to oxygen. This process softens the rock, making it more susceptible to breaking.
chemical weathering oxidation	Weathering that occurs when an organism, such as Piddock shells, bore into rocks for protection by scraping or secreting acid to dissolve the rock.
chemical weathering hydrolysis	Weathering that occurs when water inside rocks freezes and expands causing cracks in the rocks which eventually break the rock apart.
biological weathering animals	Weathering that occurs when acid rain reacts with rock-forming minerals to produce clay and salts, which are then easily washed away.
biological weathering plants	Weathering that occurs when an organism, such as lichen (a combination of fungi and algae) , grow on the surface of rock, which breaks it apart.