

Weathering & Erosion

Weathering is the process of breaking down rocks. This can happen in two different ways. One way is *physical weathering*, such as when ice widens cracks in the roads to make potholes. The second way is *chemical weathering*, like when water dissolves rock.

Erosion is the process of moving the pieces of rock to a different place. Water, wind, or ice can help move these rock pieces.

Timeline

Water moves

Water moves from high places to low places

Water picks up sand

Fast-moving water can carry sand

Sand brushes against rock

Sand rubs against rock, causing pieces to break off

New rock is carried by water

Fast-moving water pushes the new sand to different places