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| Mechanical Weathering | Chemical Weathering | Erosion | Deposition |
| flood water pounding a canyon wall  wind blasting sand at rock and carving out arches  glaciers scraping rocks across the earth’s surface  rocks being made smooth by tumbling across a stream bed  water going into cracks in rocks, freezing, expanding, and making the cracks larger, and breaking the rock  earthworms tunneling through soil and moving rocks around breaking them into smaller pieces  roots of plants expand in cracks of rocks and the rocks break | caves being formed by acid rain dissolving limestone  The minerals in granite are broken down by water  oxidation causes rocks high in iron to rust  fungi release chemicals that break down rock minerals | rain washing away soil from a hillside  a mudslide flowing down a steep hill  wind blowing sand from one location to another  muddy water being carried away by a fast moving river  flood water moving soil from one location to another  the Grand Canyon is formed from the Colorado River moving rapidly and carrying sediment  this is the carrying away of weathered material by the force of wind, water, or ice | layers of sediment forming at the bottom of the ocean  glaciers dropping rock and sand to form terminal moraines  waves dropping sand on the beach  deltas forming at the mouth of rivers  ponds filling up with sediment and becoming marshes  this is the geological process in which sediments, soil and rocks are added to a landform or land mass. |