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| --- | --- | --- | --- |
| Mechanical Weathering | Chemical Weathering | Erosion | Deposition |
|  flood water pounding a canyon wall wind blasting sand at rock and carving out archesglaciers scraping rocks across the earth’s surfacerocks being made smooth by tumbling across a stream bedwater going into cracks in rocks, freezing, expanding, and making the cracks larger, and breaking the rockearthworms tunneling through soil and moving rocks around breaking them into smaller piecesroots of plants expand in cracks of rocks and the rocks break |  caves being formed by acid rain dissolving limestoneThe minerals in granite are broken down by wateroxidation causes rocks high in iron to rust fungi release chemicals that break down rock minerals | rain washing away soil from a hillsidea mudslide flowing down a steep hillwind blowing sand from one location to anothermuddy water being carried away by a fast moving riverflood water moving soil from one location to another the Grand Canyon is formed from the Colorado River moving rapidly and carrying sedimentthis is the carrying away of weathered material by the force of wind, water, or ice | layers of sediment forming at the bottom of the oceanglaciers dropping rock and sand to form terminal moraineswaves dropping sand on the beachdeltas forming at the mouth of riversponds filling up with sediment and becoming marshesthis is the geological process in which sediments, soil and rocks are added to a landform or land mass. |