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| Molten rock is pushed out from volcano as lava | Weathering |
| Rocks are broken into smaller rocks by water, wind or changes in temperature. | Erosion |
| Rocks become smaller as they travel along rivers, glaciers etc. | Deposition |
| Sediments are deposited - usually under water. | Burial |
| Sediments pile up making more and more layers. | Cementing |
| The sediments are stuck together to make a layer of rock. | Heating & squeezing |
| Rocks change into different forms because of high temperature and pressure. | Melting |
| Solid rocks are melted by great heat to form magma | Eruption |