

|            |                              |                     |                 |                          |
|------------|------------------------------|---------------------|-----------------|--------------------------|
| quartzite  | Basalt                       | Lava                | erosion         | Pumice                   |
| Heat       | mudstone                     | Sedimentary<br>Rock | Cementation     | marble                   |
| Compaction | Obsidian                     | <b>FREE</b>         | Pressure        | large<br>crystal         |
| Pressure   | chemical<br>weathering       | Magma               | Rock<br>Cycle   | Limestone                |
| Deposition | Extrusive<br>Igneous<br>Rock | Sandstone           | Igneous<br>Rock | biological<br>weathering |

|            |                        |                       |                  |               |
|------------|------------------------|-----------------------|------------------|---------------|
| slate      | granite                | chemical weathering   | Sedimentary Rock | large crystal |
| Deposition | Extrusive Igneous Rock | biological weathering | Rock Cycle       | Heat          |
| Sandstone  | Cementation            | <b>FREE</b>           | Obsidian         | Basalt        |
| Pumice     | quartzite              | uplift                | Igneous Rock     | Compaction    |
| erosion    | Intrusive Igneous Rock | Pressure              | Lava             | Magma         |

|              |                        |                     |                       |                        |
|--------------|------------------------|---------------------|-----------------------|------------------------|
| Sandstone    | Heat                   | chemical weathering | biological weathering | Intrusive Igneous Rock |
| Cementation  | uplift                 | Lava                | slate                 | physical weathering    |
| Igneous Rock | large crystal          | <b>FREE</b>         | Pressure              | erosion                |
| Basalt       | Extrusive Igneous Rock | Rock Cycle          | Pressure              | Metamorphic Rock       |
| quartzite    | Compaction             | marble              | Deposition            | mudstone               |