## **Earth's Interior**

1 or 2	You, now a rock that is part of the lithosphere, subduct and melt forming magma that moves towards surface <b>(Go to</b> <b>Volcano)</b>
3	You, now a rock, experience extreme heat and you melt forming magma and then you cool into an intrusive igneous rock <b>(Stay</b> <b>here)</b>
4 or 5	You, now a rock that is part of the lithosphere, experience tectonic plate movement which causes uplifting and folding <b>(Go to Mountain)</b>
6	You, now a rock, experience an increase in heat and/or pressure causing you to become a metamorphic rock ( <b>Stay here)</b>

### Sediments (Soil)

1 or 2	You, now a sediment, are buried under more sediment causing compaction & cementation and you become a sedimentary rock (Go to Earth's Interior)
3 or 4	You are crushed into such a tiny sediment you are dust. Now the wind blows you up into the atmosphere. (go to Clouds)
5 or 6	You, now a sediment, are eroded by water and washed into a river/stream (Go to river/stream)

# **Rivers/Stream**

1 or 2	You, now a sediment being carried by a river or stream that is flooding its banks, are deposited on shore (Go to Sediments (soil))
3 or 4	You, now a sediment being carried by a river or stream, are carried to the ocean (Go to Oceans)
5 or 6	You, now a sediment being carried by a river or stream, settle to the bottom of the river where you undergo compaction and cementation and turn into a sedimentary rock. (Go to Earth's Interior)



1 or 2	You, a sediment, are deposited by waves as sand on the beach (Go to Sediments (soil))
3 or 4	You, a sediment on the ocean floor get subducted into Earth <b>(Go to Earth's interior)</b>
5 or 6	You, a sediment on the ocean floor, undergoes compaction and cementation and becomes a sedimentary rock. (Go to Earth's Interior)

### <u>Clouds</u>

1 or 2	You, now a fine sediment or volcanic dust, mix with water and precipitation occurs over the ocean (Go to Ocean)
3	You, now a fine sediment or volcanic dust, mix with water and precipitation occurs over a river (Go to River)
4	You, now a fine sediment or volcanic dust, mix with water and precipitation occurs over a mountain <b>(Go to Mountain)</b>
5 or 6	You, now a fine sediment or volcanic dust, mix with water and precipitation occurs over the land <b>(Go to sediments (soil))</b>

#### <u>Mountains</u>

1 or 2	You, now an uplifted rock, undergo wind weathering, erosion, and deposition (Go to Sediments (soil))
3 or 4	The wind breaks off a tiny piece of you (sediment) and you blow into the air as dust. (Go to Clouds)
5 or 6	You, now an uplifted rock, undergo water weathering, erosion, and deposition (Go to River/stream)

#### Volcanoes

1 or 2	You, now volcanic dust or ash, are released into the air <b>(Go to Clouds)</b>
3 or 4	You, now lava, cool forming extrusive igneous rock <b>(Go to Mountain)</b>
5	You, now volcanic dust or ash, are released into the air and you settle into the ocean <b>(Go</b> <b>to ocean)</b>
6	You, now volcanic ash or dust, are released into the air and you settle on land <b>(Go to</b> Sediments (soil))