

Journey around the Rock Cycle

River

If your roll ...

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|--|----------------------------|
| 1. Flood water causes redeposit of silt to flood plain | Go to Sediment |
| 2. Water washes away layers. | Go to Mountains |
| 3. Sediments under Pressure. | Go to Earth's Interior |
| 4. Ice melts carrying Rocks. | Remain Here and Roll again |
| 5. Sediments form. | Go to Sediment |
| 6. Silt washed into Ocean | Go to Ocean |

Ocean

If you roll ...

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|---------------------------------|------------------------|
| 1. Sand washes up onto shore. | Go to Sediment |
| 2. Sand washes up onto shore. | Go to Sediment |
| 3. Ocean floor being Subducted. | Go to Earth's Interior |
| 4. Sand washes up onto shore. | Go to Sediment |
| 5. Ocean floor being subducted. | Go to Earth's Interior |
| 6. Water condenses on dust. | Go to Clouds |

Sediment

If you roll ...

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|---------------------------|------------------------|
| 1. Pressure Occurs. | Go to Earth's Interior |
| 2. Rocks break down. | Remain here |
| 3. Pressure occurs. | Remain here |
| 4. Rocks break down. | Remain Here |
| 5. Pressure occurs. | Go to Earth's Interior |
| 6. Sediment being formed. | Remain here |

Mountains

If you roll ...

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|---------------------------------|----------------|
| 1. Wind erosion occurs. | Go to Sediment |
| 2. Ice melts carrying rocks. | Go to River |
| 3. Ice melts carrying rocks. | Go to River |
| 4. Wind erosion occurs. | Go to Sediment |
| 5. Wind erosion occurs. | Go to Sediment |
| 6. Glacier or avalanche occurs. | Go to Ocean |

Earth's Interior

If you roll ...

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|---------------------------------------|-----------------|
| 1. Tectonic plates move. | Go to Volcano |
| 2. Pressure Occurs; more layers form. | Remain Here |
| 3. Pressure occurs. | Remain Here |
| 4. Tectonic plates push upward. | Go to Mountains |
| 5. Magma is forced up. | Go to Volcano |
| 6. Pressure occurs. | Remain Here |

Clouds

If you roll ...

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|---------|-----------------|
| 1. Rain | Go to River |
| 2. Rain | Go to Ocean |
| 3. Rain | Go to Ocean |
| 4. Rain | Go to River |
| 5. Snow | Go to Mountains |
| 6. Snow | Go to Mountains |

Volcano

If you roll ...

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|---|-----------------|
| 1. Volcano erupts spewing forth lava. | Go to Mountains |
| 2. Magma Crystallized. | Remain Here |
| 3. Lava flows into the ocean. | Go to Ocean |
| 4. Tectonic plates push upwards. | Go to Mountains |
| 5. Intrusive rock is exposed at the surface. | Go to Sediment |
| 6. Volcanic ash and dust are pushed into the atmosphere | Go to Clouds |