Predicting the Rock Cycle



Beginning With Metamorphic Rock

Metamorphic Rock

(formed under great heat & pressure)

Layers may be

crushed together

with heat &

pressure

Below the Ground

May be melted to reform magma

The magma may cool

Igneous Rock

Above the Ground

Rock may weather & erode; sediments form

Sediments fall into layers

Sedimentary Rock

Metamorphic Rock

Beginning With Sedimentary Rock

Sedimentary Rock (formed when layers of sediment are cemented together)

Layers may be

crushed together

with heat &

pressure

Below the Ground

May be melted to reform magma

The magma may cool

Igneous Rock

Above the Ground

Rock may weather & erode; sediments form

Sediments fall into layers

Sedimentary Rock

Metamorphic Rock

Beginning With Igneous Rock

Igneous Rock (formed when magma & lava cools & crystallizes)

May be crushed

together with heat

& pressure

Below the Ground

May be melted to reform magma

The magma may cool

Igneous Rock

Above the Ground

Rock may weather & erode; sediments form

Sediments fall into layers

Sedimentary Rock

Metamorphic Rock

