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Activities

Spinning the Rock Cycle

Name: _____ Date: _____

What kinds of rock are on/in the ground where you live? After the wheels of the rock cycle turn, they'll eventually change into other rock types millions of years from now. In this Planet Diary activity, you'll spin the cycle to see how it happens.

Directions

- Look at this interactive rock cycle diagram. Roll your mouse over the three kinds of rock (igneous, sedimentary, and metamorphic). Notice the examples of each.
- Click the processes (e.g. melting, weathering and erosion, etc.) linking the rock types for animation of them in action.
- Follow the green arrows from one kind of rock to another on the diagram. It's a cycle, so it doesn't matter where you start!
- As you explore the rock cycle, observe how one kind of rock changes into the others. Summarize what you learn in the Workspace table.
- Take this rock cycle quiz to test your knowledge. Good luck!

Workspace

Type of Change	How Does It Happen?
Igneous to Sedimentary	
Igneous to Metamorphic	
Sedimentary to Igneous	
Sedimentary to Metamorphic	
Metamorphic to Igneous	
Metamorphic to Sedimentary	

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