

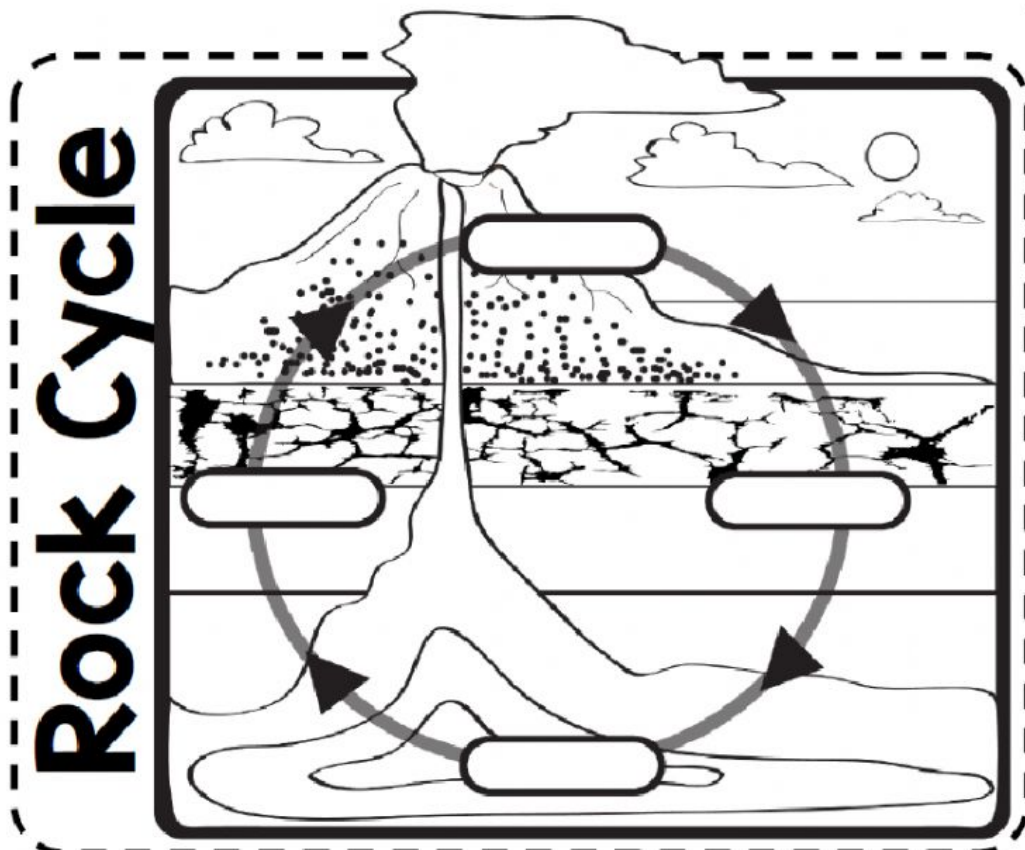
ROCK CYCLE

Rocks are always changing, but it takes millions of years for rocks to change.

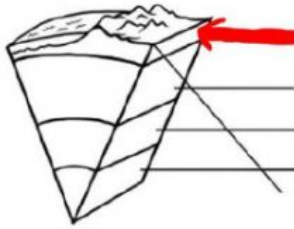
Here is an example of the rock cycle describing how a rock can change from igneous to sedimentary to metamorphic over time.

Write the numbers in the rock cycle picture.

- | | | |
|-------------------------------|--|--------------------------------|
| 1. Igneous (extrusive) | 5. Uplift | 8. Weathering |
| 2. Igneous (intrusive) | 6. Transportation | 9. Melting |
| 3. Sedimentary | 7. Cooling & Crystalization | 10. Pressure & Heat |
| 4. Metamorphic | | |



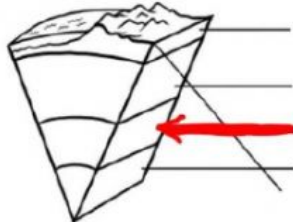
1.



This layer of the Earth is ...

- ☐ a) Mantle ☐ b) Crust
☐ c) Outer core ☐ d) Inner core

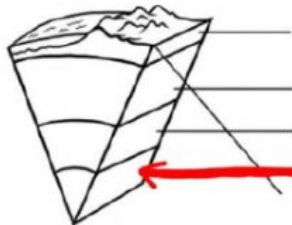
2.



This layer of the Earth is ...

- ☐ a) Mantle ☐ b) Crust
☐ c) Outer core ☐ d) Inner core

3.



This layer of the Earth is ...

- ☐ a) Mantle ☐ b) Crust
☐ c) Outer core ☐ d) Inner core

4. Choose the types of rocks:

- ☐ a) sedimentary ☐ b) metamorphic
☐ c) elements ☐ d) crystals
☐ e) igneous

5. Choose the igneous rocks:

- ☐ a) basalt ☐ b) granite
☐ c) slate ☐ d) limestone
☐ e) obsidian

6. Choose the metamorphic rocks:

- ☐ a) basalt ☐ b) gneiss
☐ c) slate ☐ d) limestone
☐ e) marble

7. Choose the sedimentary rocks:

- ☐ a) shale ☐ b) rock salt
☐ c) slate ☐ d) limestone
☐ e) sandstone

8. These rocks and fossils compact over millions of years.

- ☐ a) sedimentary rocks
☐ b) metamorphic rocks
☐ c) igneous rocks

9. These rocks form when igneous and sedimentary rocks are pushed down by other layers of rock from above.

- ☐ a) sedimentary rocks
☐ b) metamorphic rocks
☐ c) igneous rocks

10. These rocks form when molten lava from volcanoes cools down.

- ☐ a) sedimentary rocks
☐ b) metamorphic rocks
☐ c) igneous rocks