

AHW
14/5/21

Earth's Interior Worksheet

Date _____

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A Journey to the Center of the Earth

1. What happens to the temperature as you travel closer towards the ~~to~~ center of the Earth?

Ans - The temperature increases as you travel closer towards the center of the Earth.

2. What happens to the pressure as you travel down?

Ans - The pressure increases as you travel down.

3. Name the three main layers that make up the Earth's interior.

Ans - The three main layers that make up the Earth's interior are ~~the~~^{the} mantle, the outer core and the inner core.

Crust

4. What is the ~~to~~ earth's ~~to~~ crust made of?

Ans- The earth's crust is made up of silica, aluminium, iron and magnesium

5. True or False

The Earth's crust includes both the ocean floor and dry land. T

6. Name the two types of Earth's crust.

Ans- The two types of Earth's crust are the ~~continental~~ ^{continental} crust and the oceanic crust.

7. Why do you think the ocean crust contains rocks that are more dense than the rocks found on land?

Ans- The ocean crust contains rocks that are more dense than the rocks found on land because the pressure exerted by the water ~~in~~ of ocean to the rock is more than the pressure exerted by the air to the rock in the land.

Mantle

8. What does the layer of mantle consist of?

Ans- The layer of mantle consist of minerals like silica, iron and magnesium.

9. What makes up the lithosphere?

Ans- The Crust and the outer part of the upper mantle makes up the lithosphere.

10. Right below the lithosphere is a layer of mantle that is made of softer rock called the magma.

11. How deep is the mantle?

Ans- The mantle is 2,900 km deep.

Core

12. The earth's core is made of two parts. What are they?

Ans- The earth's core is made of two parts, The Outer core (liquid) and The Inner core (solid)

13. Which two metals make up both parts of the core (the reason why the core is considered one layer)?

Ans- Nickel and Iron make up both parts of the core.

Exploring Earth's Interior

Label the layers of the Earth on the drawing below with the words given. Colour each layer a different colour.

Words

core
asthenosphere
mantle
continental crust
lithosphere
oceanic crust

Key for layers

Lithosphere =
Asthenosphere =
Mantle =
Core =

Amx-

