

Planet Earth: Practice Quiz

Topic 2 - Rocks and the Rock Cycle

1. Igneous rock, can be intrusive rock and extrusive rock. These rocks are all formed from ...

crystals

sediments

magma or lava

earth's crust

2. Allison and Rachel were investigating the banks of the river and discovered a large section had been eroded away. They could see layers of different soil types. These visible layers are called ...

cementation

sedimentation

calcification

stratification

3. Metamorphic rock is rock that has changed form. It is usually formed ...

below the earth's surface

on the earth's surface

when rock is heated

when rock is cooled

4. The formation of different types of rocks is described in the Rock Cycle. An important feature of this cycle is that it ...

always forms rocks the same way

cannot be reversed

does not have a set order

doesn't have any shortcuts or detours

5. A fertile soil is one that can supply nutrients for plant growth. To identify the different layers in a particular type of soil, a geologist would look at the ...

soil profile

parent soil

humus content

organic components

Check your [Answers](#)

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Topic 2 - Rocks and the Rock Cycle

1. Igneous rock, can be intrusive rock and extrusive rock. These rocks are all formed from ...

crystals

sediments

magma or lava

(Text p. 361) Igneous rock forms when hot magma or lava cools and solidifies

earth's crust

2. Allison and Rachel were investigating the banks of the river and discovered a large section had been eroded away. They could see layers of different soil types. These visible layers are called ...

cementation

sedimentation

calcification

stratification

(Text p. 364 - Figure 5-10) The arrangement of sediments in visible layers.

3. Metamorphic rock is rock that has changed form. It is usually formed ...

below the earth's surface

(Text p. 366) usually formed below the earth's surface when extremely high pressure and heat cause the original rock to change form

on the earth's surface

when rock is heated

when rock is cooled

4. The formation of different types of rocks is described in the Rock Cycle. An important feature of this cycle is that it ...

always forms rocks the same way

cannot be reversed

does not have a set order

(Text p. 368 - Figure 5-19) There is usually not a set order to the changes rocks undergo in the rock cycle.

doesn't have any shortcuts or detours

5. A fertile soil is one that can supply nutrients for plant growth. To identify the different layers in a particular type of soil, a geologist would look at the ...

soil profile

(Text p. 372) The soil profile (different soil layers) illustrates how the soil types are divided.

parent soil

humus content

organic components