

Tivoli Gardens High School



Grade 8 Monthly Test – Rocks and Minerals

Student:

November 2nd, 2021

1. Select the most appropriate answer in the tables below:

Minerals	can be any state of matter	are always solids
Minerals are	organic	inorganic
Minerals are	found naturally in nature	can be man made
Minerals have	random chemical composition	definite chemical make up
Minerals have	definite crystal structure	can be any hap-hazard structure

2.

Rocks are composed of	fossil fuels	one or more minerals
Rocks are	Solid parts of the Earth's crust	found only on mountains

3. In class, we tested the following rocks by pouring vinegar on them. Complete the table by writing 'fizzed' or 'did not fizzed' in the 'observation' column

Specimen	Observation	Specimen	Observation
Limestone		Granite	
Marble		Egg shells	
Sandstone			

Multiple choice - Select the most appropriate answer 'a'; 'b'; 'c'; or 'd'

4. When do metamorphic rocks form?

- a) When layers of sediment are deposited;
- b) When magma or lava solidifies;
- c) When particles of rock breaks off the Earth's surface;
- d) When rocks undergo extreme heat and pressure over time

5. Which of the following is true about minerals?

- a) They can be organic;
- b) They must be naturally occurring;
- c) They can be any state – solid; liquid or gas
- d) They only exist on the crust.

6. What kind of rocks are produced when a volcano erupts?

- a) Metamorphic rocks;
- b) Igneous rocks;
- c) Sedimentary rocks;
- d) Sandstone rocks



For questions numbers 7 and 8, select words or phrases (combination of words) from the word bank and drag and drop them in the appropriate slots. Words and phrases may appear multiple times so be careful where you put what.

Word bank:

core

crust

lava

sedimentary rock

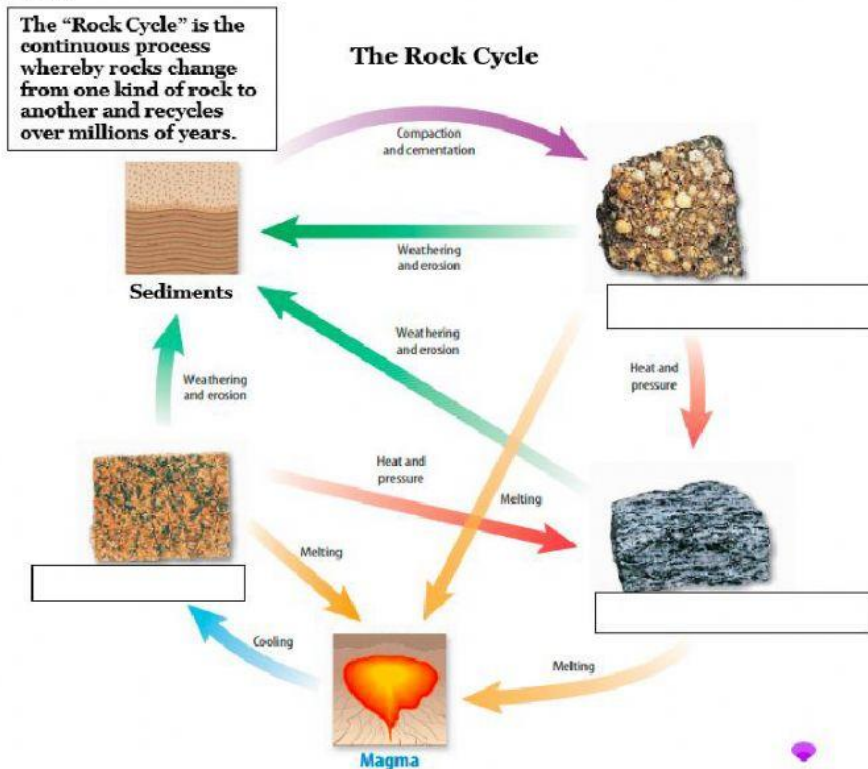
igneous rock

magma

metamorphic rock

mantle

7. The Rock Cycle



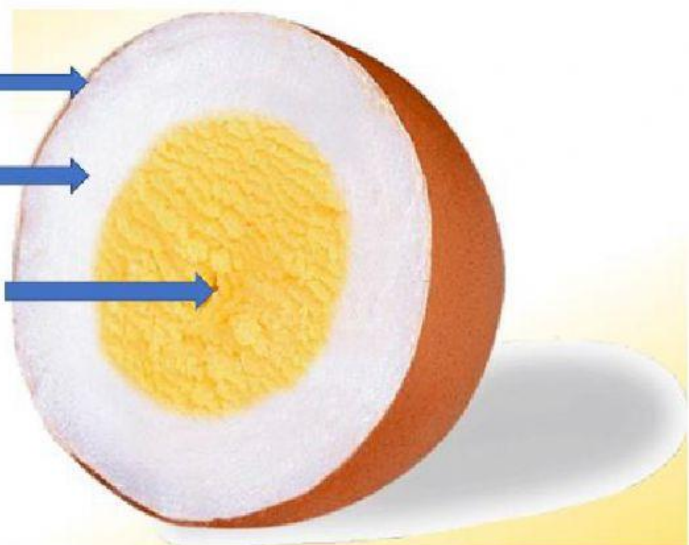
8. The Earth as an Egg

Label the boiled egg as if it was the Earth cut in half

The thin eggshell would represent the of the Earth

The egg white would represent the which lies beneath.

In the center, the egg yoke represents the



Word bank:

core

crust

lava

metamorphic rock

igneous rock

magma

sedimentary rock

9.

