Tahnoon bin Mohammed School

مجلة مدرسية

GRADE 7 SCIENCE WORKSHEET

The Cycling of Earth's Materials: Types of Rocks

دورة مواد الأرض: أنواع الصخور

Name: _____ Class: _____ Date: _____

★ LEVEL 2: INTERMEDIATE ★

A Fill in the blanks using the words in the box.

magma | sediments | pressure | layers | crystals | fossil | lava

1. Igneous rocks are formed when _____ or _____ cools and hardens.
2. Sedimentary rocks are formed when _____ are pressed and cemented.
3. Many sedimentary rocks have _____.
4. Metamorphic rocks are formed when rocks are changed by heat and _____.
5. Igneous rocks often have visible _____.
6. Sedimentary rocks are often found in _____.
7. Marble is a metamorphic rock that was once _____.

B Multiple Choice. Circle the best answer.

1. Which of the following is an intrusive igneous rock?
   a) Granite b) Basalt c) Marble
2. What causes metamorphic rocks to form?
   a) Weathering b) Heat and pressure c) Cooling
3. Which rock is most likely to have shells or fossils in it?
   a) Obsidian b) Limestone c) Gneiss
4. Which best describes shale?
   a) Coarse crystals and shiny
   b) Fine grains, found in layers
   c) Glassy and black

C Put the steps of the rock cycle in the correct order (1–5).

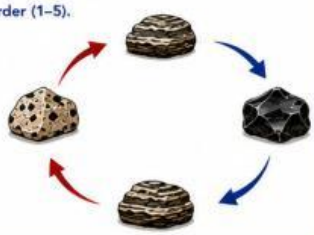
_____ Rocks are buried deep underground.

_____ Heat and pressure change the rock.

_____ Erosion breaks rocks into small pieces.

_____ Melting forms magma.

_____ Cooling forms new igneous rock.



D Multiple Choice. Circle the best answer.

1. Which of the following is an extrusive igneous rock?
   a) Granite b) Basalt c) Marble
2. Where are sedimentary rocks most often found?
   a) In volcanoes b) In layers on the Earth's surface c) Deep inside Earth's core
3. What is NOT a property of metamorphic rocks?
   a) They are hard b) They have layers
   c) They are changed by heat and pressure
4. Which rock best describes a sedimentary rock formed from sand?
   a) Coal b) Sandstone c) Limestone

SELF REFLECTION

Think about what you learned in this lesson. Circle or write your answer.

1. How well do you understand the 3 types of rocks?
   Very Well | Somewhat | Not Yet
2. What part of this lesson was most helpful for you?
   _____
3. What is still confusing or hard to understand?
   _____
4. What will you do to improve your understanding?
   _____

★ **Explore!** Look around you. Can you find examples of each type of rock in your home, school, or outside? Write or draw them below.

Igneous: _____ Sedimentary: _____ Metamorphic: _____

LIVEWORKSHEETS