



Name :

Date :

Grade : IV

Worksheet

Submission Date :

Subject : Science

Parent's sign :

LESSON 4 -THE LAYER OF LIFE

I. Choose the correct answer

1. _____ is not an example of barren land.
a. Desert b. Beach c. Sand d. Dune forest
2. What is **NOT TRUE** about soil erosion?
a. Soil erosion can happen naturally over thousands of years.
b. Soil erosion can cause infertile subsoil.
c. Soil erosion is suitable for plants and animals.
d. Soil erosion can take away buried seeds and plants.
3. We can observe the occurrence of soil erosion by water easily.
a. in the forest area b. in the hills c. in the desert area d. all the above
4. Soil pollution can affect _____.
a. human beings b. animals c. ground water d. all the above
5. The element of weather that slowly cause changes in rocks is/are
a. rain b. sunlight c. snow d. all the above
6. The process by which rocks are broken down into smaller pieces by the action of air, wind and water is known as _____.
a. decomposition b. weathering c. humus d. bedrock
7. The weather can _____.
a. cause changes in rocks
b. cause rocks to move from one place to another
c. make rocks collide
d. all the above
8. The process of breaking down dead animals and plants into smaller pieces by tiny living things in the soil is known as _____.
a. weathering b. pores formation c. decomposition d. photosynthesis
9. The layer of soil in which most of the roots of plants are found in the _____.
a. subsoil b. topsoil c. bedrock d. barren land

10. Humus is found in _____ .

- a. the bottom most layer of the soil
- b. the upper layer of bed rock
- c. the bottom layer of top soil
- c. the upper most layer of top soil

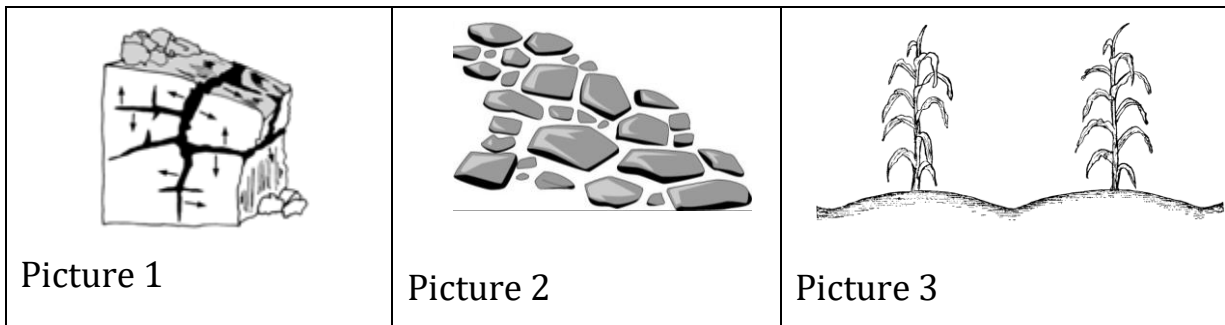
11. Select the correct sequence of the layers in the soil from the bottom upwards.

- a. Bedrock + Subsoil + Topsoil + Humus
- b. Subsoil + Topsoil + Bedrock + Humus
- c. Topsoil + Humus + Bedrock + Subsoil
- d. Subsoil + Bedrock + Topsoil + Humus

II. Match the following

ColumnA	Column B
1. The layer of soil consists of larger soil particles that are tightly packed.	Topsoil
2. The layer of soil consists of large pieces of weathered rock and a bed of solid rock.	Subsoil
3. The layer of soil that consists of small, fine, loosely packed soil particles.	Humus
4.The layer of soil consists of decomposed plants and animals.	Bedrock

III. Look at the pictures given below and answer the questions that follow



1. Explain the role that is played by the elements of weather in turning picture 1 to picture 3.

2. What is this process called?

3. How long does this process take?
