

INDIAN SCHOOL MUSCAT PRIMARY SECTION		
SUBJECT: SCIENCE	TERM II	NAME: _____
WORKSHEET :2		STD III: _____
TOPIC: ROCKS AND SOIL ----ANSWERS		ROLL NO: _____
RESOURCE PERSON: Ms. Sujata Chatterjee		DATE: ___/___/17
TEACHER'S SIGNATURE: _____		REMARKS

I. Answer the following.

a) Why can chalk be used to write on a black board but not a granite?

Answer

A black board is made up of black or dark grey slate stone. A chalk is softer than slate so it can be used for writing while granite is harder than slate, so it can cut or mark (scratch) the board . So, a chalk can be used and but not a granite to write on the board.

b) Name the different components of soil.

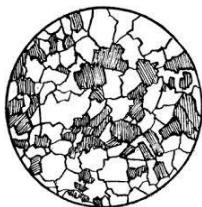
Answer

Small stones called gravel, sand particles, clay and dark brown colour rotten pieces of dead plants and animals called humus.

II. Think and answer

Anna found a mixture of different rocks. Can you help her to identify them?

1. It is the hardest rock used in jewellery also. *Diamond*
2. This rock is mainly used for as fuel and generation of electricity. *Coal*
3. A rock used as slabs in buildings, bridges or monuments. *Granite*



Granite



Diamond



Coal

III. Justify the statement.

a) Gardeners like loamy soil.

Answer

This is because loamy soil is a mixture of sand and clay. It can hold air and water. It also contains humus which helps the plants to grow.

b) Snakes come out of their burrows after a heavy rainfall.

Answer

Snakes are cold blooded carnivorous animals. As the rain water fills the ground, it forces them to come out of their burrows in search of food and shelter.

IV. A caterpillar fell down from a tree on the ground. It was scared as the place was new. So it started looking for help. An earthworm came out from the soil and asked if it can help the caterpillar. The caterpillar was surprised to know that how the earthworm lived in the soil without food or air to breathe!!!! Earthworm said “**Soil is precious**”

Do you agree with the earthworm? If so, mention some uses of soil.

Answer

- 1) *Soil is a home for many animals, worms and insects.*
- 2) *It holds the roots of the plants.*
- 3) *Cement, bricks, glass, iron and different metals are obtained from soil.*



The removal or washing away of the top soil by the action of wind and rain is called soil erosion. It takes thousands of years to form a layer of soil.