

Science Study Guide **Answer Key**

SOIL

Match the definitions to the correct word.

- c 1. Soil a. does not hold water
- b 2. Silt b. tiny pieces of broken rock
- a 3. Clay c. mix of tiny rocks and bits of dead plants and animals that are decomposing

Order the layers of soil.

- Subsoil 1. topsoil
- Bedrock 2. subsoil
- Topsoil 3. bedrock

Which layer is best for growing plants? topsoil

WEATHERING

Match the definitions to the correct word.

- c 1. Weathering a. dropping off of sediments
- a 2. Deposition b. harmful precipitation
- d 3. Erosion c. any action that breaks or changes rocks
- b 4. Acid Rain d. Movement of weathered rocks

What keeps soil and sand from being blown away? plant roots

Name Examples of weathering:

1. freezing
2. thawing
3. running water
4. gravity
5. wind
6. plants
7. acid rain

ROCKS AND MINERALS

What is the definition of a rock? nonliving part of earth that takes a while to form and comes in different shapes and sizes

What is the definition of a mineral? hard, nonliving parts of soil that come in many different colors