

SCIENCE AND HEALTH 6
4th Quarter Summative Test A
SY 2020-2021

I. Identify the type of soil being described. Choose the correct answer from the box.

clay	loam	silt	sand
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- _____ 1. It is a mixture of soil particles that is ideal for growing plants.
- _____ 2. It has fine and medium-sized particles. It is smooth when dry and slippery when wet.
- _____ 3. It has the smallest particles that bind very well when wet and it gets hard when dry.
- _____ 4. It has the biggest particles and feels rough when you rub it. It is usually found near rivers and seas.
- _____ 5. It is bad for plants during rainy days because it absorbs much water and does **not** drain easily.
- _____ 6. It cannot hold many nutrients because it drains very well.

II. Match the description of each layer of the soil to its name. Type the letter of the correct answer in the box.

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|---|--------------------|
| _____ 1. It has clay, silt, and sand. It also has a lighter color. | a. topsoil |
| _____ 2. It is made of solid rocks. This is where soil begins. | b. subsoil |
| _____ 3. It contains minerals, decaying plants and animals making it dark in color. | c. humus |
| _____ 4. It is made of lightly broken rocks. | d. parent material |
| | e. bedrock |

III. Arrange the steps in Water Cycle in order by writing 1-5.

_____ Molecules of water turn from gas to liquid creating our clouds.

_____ When the air cools, the molecules of water vapor come closer together.

_____ When the drops become heavy, they fall to the earth as rain.

_____ Heat from the sun changes water from liquid to vapor (gas).

_____ As the air cools, tiny droplets of water make up clouds grow bigger.

IV. Choose **true** if the statement is correct, **false** if it is not.

_____ 1. Soil is made of rocks, organic materials, air, and water.

_____ 2. Roots of trees slows down the breaking of rocks.

_____ 3. The blanket of air that covers the earth is called hydrosphere.

_____ 4. The interaction between the atmosphere and hydrosphere is called water cycle.

_____ 5. Water cycle ends when there are thunderstorms.