

Science Study Guide

The Farmer's Field/Weather

1. Be able to tell whether these animals are a farmer's friend or foe:

friend Skunk

foe Mole

friend Shrew

foe Field Mouse

friend Earthworm

2. Know what topsoil, subsoil, gullies, and fertilizer are.

3. Why do farmers rotate their crops?

It puts different minerals back into the soil.

4. How are topsoil and subsoil different? (Colors, minerals, depth, location, etc.)

5. What is the electricity in the air that jumps from one cloud to another or from a cloud to the earth called? lightning

6. What is moving air called? wind

7. What is the process called when water changes to a vapor? evaporation

8. What is the sound lightning makes? thunder

9. What are three types of precipitation?

rain snow sleet hail

10. What are the three ingredients of weather?

heat wind water

11. What word means "the condition of the air?" weather

12. What word means "to soak up?" absorb
13. What is the layer of air that surrounds the earth called? atmosphere
14. What word means "to send out rays of heat?" radiate
15. What word means "to be full of water vapor?" humid
16. What are the three most common storms?
tornadoes hurricanes thunderstorms

Water Cycle

Put these in the correct order (1-6)

- 3 The warm, moist air rises.
- 1 The sun heats the water in the ocean.
- 2 The water in the ocean evaporates.
- 5 The cloud cools, causing rain to fall.
- 6 The water is used on the earth and returns to the ocean to start the water cycle again.
- 4 The air cools, forming a cloud.

