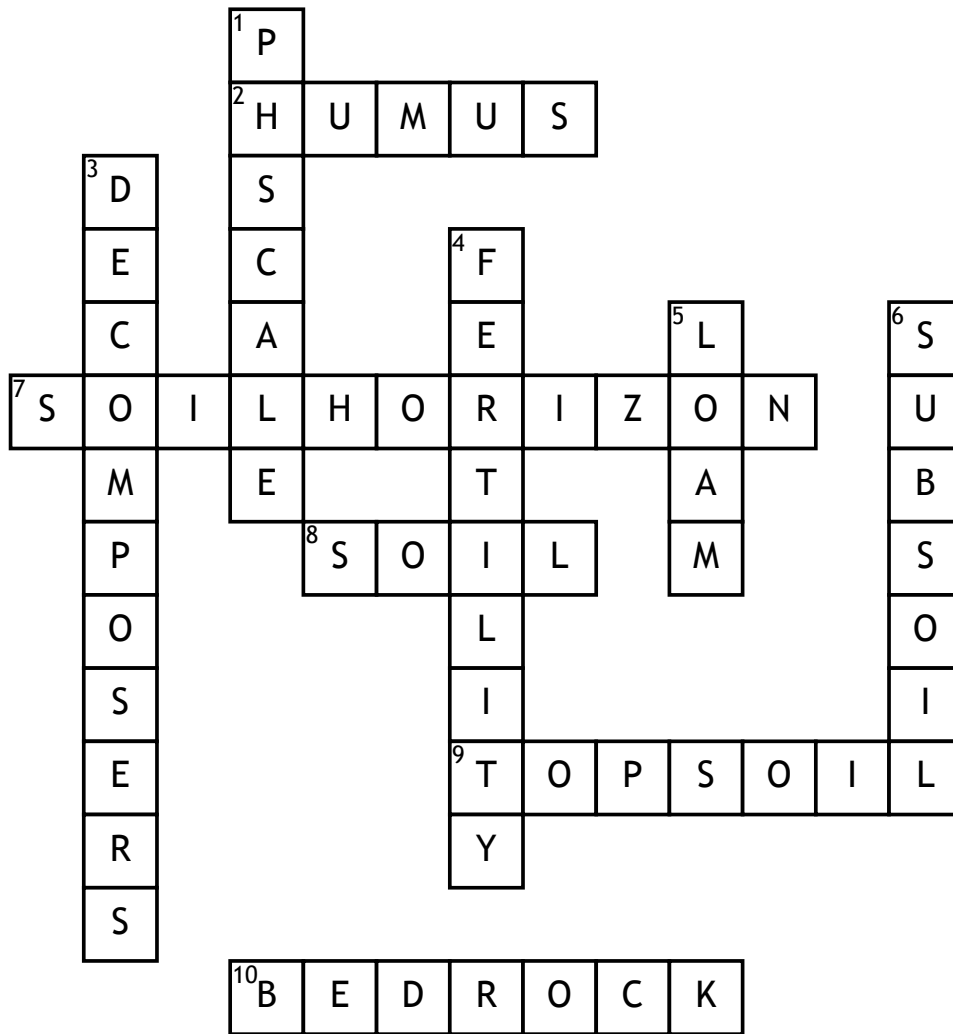


Name: _____

Date: _____

soil formation



Across

2. dark-colored organic material in soil
7. a layer of soil that differs in color and texture from the layers above or below it
8. the loose weathered material on earth's surface in which plants can grow
9. crumbly, topmost layer of soil made up clay and other minerals and humus
10. the solid layer of rock beneath the soil

Down

1. a range of values used to indicate how acidic or basic a substance is

3. an organism that break the remains of dead organisms into smaller pieces and digest them with chemicals

4. a measure of how well soil supports plant growth

5. rich, fertile soil that is made up about equal parts of clay, sand, and silt

6. the layer of soil below topsoil that has less plant and animal matter than topsoil and contains mostly clay and other minerals

Word Bank

soil horizon

bedrock

fertility

subsoil

loam

pH scale

topsoil

soil

decomposers

humus