

## Soil Profile Foldable Questions:

1. What is the correct order of soil horizons from top to bottom?
  - a. S, O, B, C, E, R
  - b. A, O, C, E, B, R
  - c. A, O, E, B, C, R
  - d. O, A, E, B, C, R
2. Soil Horizon Characteristics Match:
  - a. O Horizon \_\_\_\_\_ Dark color, highly weathered minerals and organic matter
  - b. A Horizon \_\_\_\_\_ Light color, leached of iron-bearing components
  - c. E Horizon \_\_\_\_\_ Pure Organic Matter
  - d. B Horizon \_\_\_\_\_ Partially weathered bedrock
  - e. C Horizon \_\_\_\_\_ Unweathered bedrock
  - f. R Horizon \_\_\_\_\_ Leaching occurs here as minerals pass from A to B Horizon
3. 99 percent of this soil horizon is made of organic material
  - a. O Horizon
  - b. A Horizon
  - c. E Horizon
  - d. B Horizon
  - e. C Horizon
  - f. R Horizon
4. This layer is made up of 50 percent organic material and 50 percent minerals.
  - a. O Horizon
  - b. A Horizon
  - c. E Horizon
  - d. B Horizon
  - e. C Horizon
  - f. R Horizon
5. This layer is the zone of illuviation where minerals from A that pass through E stop moving and accumulate.
  - a. O Horizon
  - b. A Horizon
  - c. E Horizon
  - d. B Horizon
  - e. C Horizon
  - f. R Horizon
6. This is the zone of eluviation. Minerals move through this zone from A Horizon to the B Horizon.
  - a. O Horizon
  - b. A Horizon
  - c. E Horizon
  - d. B Horizon
  - e. C Horizon
  - f. R Horizon