

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