



Pathfinder's Name

Soils

1. Define what "soil" means?

2. Where on earth is all soil located?

3. What are 5 key factors in soil formation?

1. _____
2. _____
3. _____
4. _____
5. _____

4. Define the following terms:

A-Horizon _____

B-Horizon _____

C-Horizon _____

Organic layer _____

Mineral layer _____

Clay _____

Leaching _____

Silica _____

Humus _____

Soil Profile _____

Parent Material _____

Pedologist _____

- 5. Define the term “Soil Classification”. Why are soils classified?

- 6. Discuss three differences between the following soil types:

Desert

1. _____

2. _____

3. _____

Temperate

1. _____

2. _____

3. _____

Tropical

1. _____

2. _____

3. _____

- 7. Examine a 2-foot vertical section of soil. Label the different types of organic matter found, identify the different soil horizons, and mark the transition from the soil layer to the mineral layer.

Date completed _____

- 8. Draw, photograph, or collect and correctly label 5 different soil types.

Date completed _____

Date completed _____

Instructor's Signature _____