

The Nature of Soil

Essential Question: _____

Key Terms:

- Soil: a mixture of _____, decayed _____, mineral fragments, _____ and _____
- _____: dark-colored, decayed organic matter that supplies _____ to plants
- Organic matter: _____ and _____ matter that is in the process of _____
- Litter: _____, _____, and other organic matter than can be changed to _____

Formation of Soil:

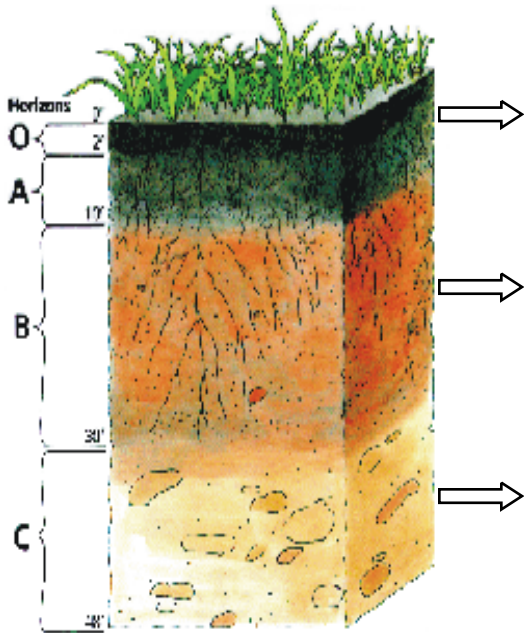
- Formation of Soil can take _____ of years
- **Soil** is a mixture of _____, decayed _____, _____ fragments, _____, and _____
- Formation is influenced by _____, _____ of the land, type of _____, types of _____, and length of _____ that rock has been weathering

Composition of Soil:

- Composition of soil- the _____ that make up soil
- _____, _____, and _____ are all small particles of _____
- Decaying, dark-colored plant and animal material is called _____
- Small spaces between soil particles may be filled with _____ or _____
- _____ has an _____ mix of humus and weathered rock

Soil Profile:

- _____ are the different layers of soil
- All horizons form a _____



Leaching:

- **Leaching** is the _____ of _____ that have been _____ in water
- When it rains, the water _____ minerals and carries them _____ from the A Horizon to the B Horizon.

Soil Types:

- Soil types _____ in different places
- Different regions have different _____ that affect soil development
- _____ rock affects soil formation and type of _____ that grows in a region
- _____ affects soil development because the _____ the weathering has occurred, the _____ the soil resembles the parent rock
- Soil on _____ slopes develops _____

Summary:
