

Name _____

Soil Profile: the Layers of Soil

Make your own soil profiles.

Materials

- A jar (such as a pickle jar)
- Chunks of rocks, sample of soil from the garden
- Sample of soil from the bottom of a big hole (perhaps at a construction site)

Procedure

Place large pieces of rocks and gravel in the bottom of your jar (two to three inches deep)

Pour two to three inches of subsoil on top of the rocks.

Place one to two inches of garden soil on top of the subsoil.

Label the parts of the soil profile below. Describe the traits of each layer. Tell what kinds of materials are in each layer.



Which layer of soil is the most important of plant growth? _____

Why is the topsoil darker than the other layers? _____

Which soil layer has the largest rocks? _____