

soil



- *takes a long time to form
- *plants grow in soil
- *gives support and nutrients to plants

**rock
fragments**

pieces of rock that break down over time to form soil

clay



- *smooth when dry
- *sticky when wet
- be hard when dry
- be tan or reddish in color
- *can
- *can

silt



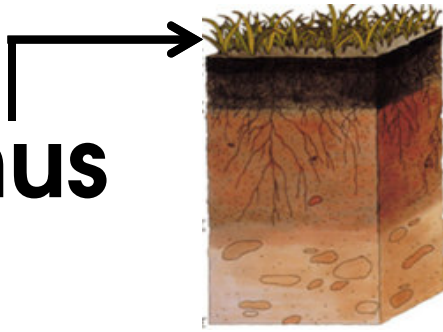
- *between and and clay in size
- *can feel smooth and powdery

sand



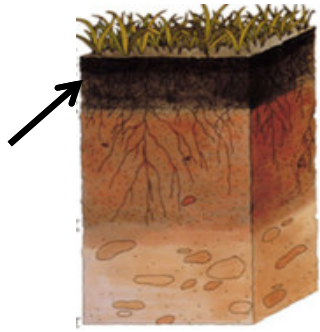
- *has the largest grains
- *has spaces between the grains
- *water leaves quickly
- *It does NOT hold many nutrients plants need to grow.**

humus



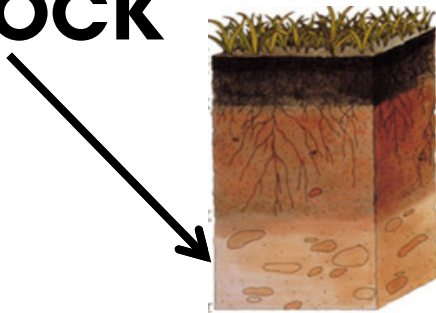
Made of decomposing dead animals and plant material that adds nutrients to the soil.

topsoil



Topsoil is humus mixed with mineral particles (This is where plant roots grow.).

bedrock



*solid, unweathered rock
*under the soil layers

nutrients

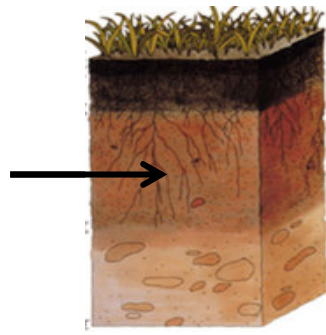
*material in the soil that help plants grow strong

conservation



*ways to save soil because it is a natural resource (once it is gone, it is gone forever)

subsoil



mostly sand/silt and clay
near the bottom

weathering



This is when rock and soil
are broken down over a
long period of time.

(sugar cube experiment)

rock



These are broken into little
pieces to make soil. It takes a
long time to break rock into
soil.

