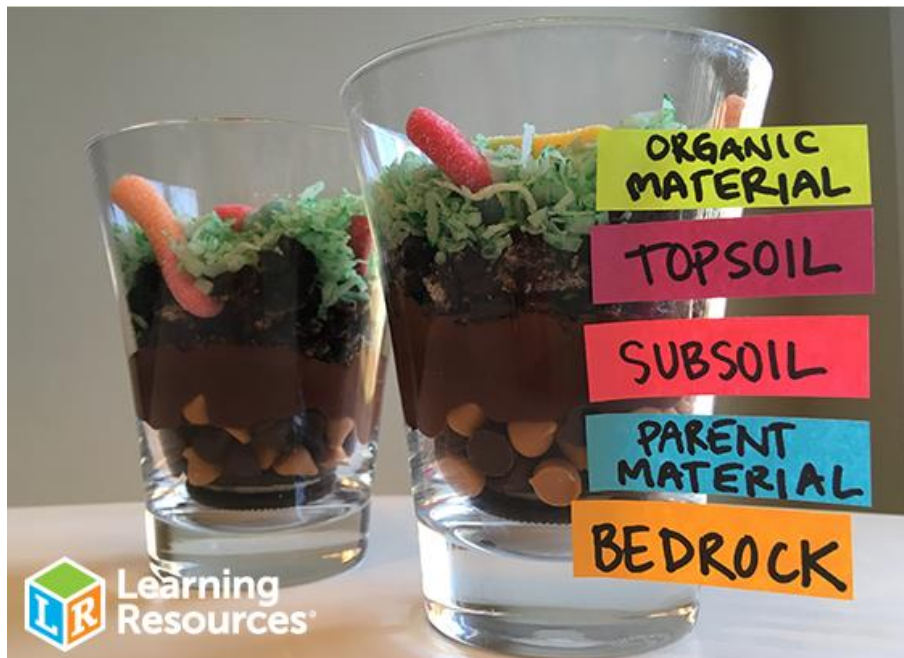


Edible Soil Layers Handout



Bottom to Top Soil order: Oreo → butterscotch & chocolate chips → pudding → crumbled Oreos → green coconut shavings → gummy worms poking out the top soil

Start with Bottom Layer

1. **Bedrock/ Oreos:** Bedrock is solid rock that lies under loose or softer material. It is the outermost layer of the Earth's crust. Nothing can grow in bedrock, but it supplies the soil with components important to its future.
2. **Parent material/ chips:** Parent material is formed from bedrock after a long weathering process, either by natural or chemical means. This is the spot where the soil layers above will be formed – it is part weathered rock and part weathered soil.
3. **Subsoil/ pudding:** Subsoil is not high in organic matter concentrations but offers rich minerals for plants and trees searching for root systems. This layer is hidden, though it is directly affected by water movement.
4. **Topsoil/ crumbled Oreos:** This is the top layer of soil. Topsoil provides the riches about of matter for germinating seeds. Nutrients, bacteria, fungi, and life are abundant here.
5. **Organic Material/ coconut and worms:** This layer is usually less than an inch thick. It consists of plant and animal residues at various stages of decomposition.