

## Soil Layers Lab

Use the ingredients to make a model of the layers of soil.

### Materials:

- |   |                      |
|---|----------------------|
| Chocolate cookie & crushed cookie       | Sprinkles            |
| Chocolate pudding                       | Clear cup            |
| Worm gummy candy                        | Paper plate / napkin |
| Chocolate or Peanut butter candy pieces | Spoon                |

### Procedure:

- Be sure that you have all of the ingredients
- Create each layer of soil, and record the soil facts below
- Be sure to clean your area and wash your hands when finished

Humus	Cookie	Decayed	Organic (2)
Topsoil	Bedrock (2)	Parent	Decaying
Weathered	Solid	Rock (2)	Horizon
Nutrient	Subsoil		

- 1) \_\_\_\_\_ is the layer that is at the base of the soil horizons. The \_\_\_\_\_ is \_\_\_\_\_ like the \_\_\_\_\_
- 2) The \_\_\_\_\_ layer is broken up  
\_\_\_\_\_
- 3) \_\_\_\_\_ is the \_\_\_\_\_ that has deep tree roots, and few or no \_\_\_\_\_
- 4) \_\_\_\_\_ contains \_\_\_\_\_ material that has already  
\_\_\_\_\_
- 5) The \_\_\_\_\_ layer contains \_\_\_\_\_ material and animals, it also produces the part of nutrient rich top soil called  
\_\_\_\_\_

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2) The \_\_\_\_\_ layer is broken up  
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5) The \_\_\_\_\_ layer contains \_\_\_\_\_ material and animals, it also produces the part of nutrient rich top soil called \_\_\_\_\_

Draw a picture of your creation: