Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Choice A - Soil Horizons**

**Introduction**

Soil is one of our most important natural resources. Without balanced soil, we would not be able to produce food. Part of protecting soil is understanding what is in soil. This understanding will help you protect this valuable resource.

Complete the graphic organizer with facts about each soil horizon. Use your book and the resources below for more information.

|  |  |  |  |
| --- | --- | --- | --- |
| **Soil Horizon** | **Location** | **Properties** | **Ability to grow food** |
| **A Horizon** |  |  |  |
| **B Horizon** |  |  |  |
| **C Horizon** |  |  |  |

\*\*\*Below, are some resources you could use to help you create your soil horizon project.

* Soil Formation- textbook pgs. 428-435
* “All about soil” <https://www.youtube.com/watch?v=I3A7OnTLSM8>
* Soil Overview: <https://www.soils.org/files/about-soils/soils-overview.pdf>
* Roles of soil: <https://www.soils4teachers.org/role-of-soils/>
* Georgia state soil profile: <https://www.nrcs.usda.gov/Internet/FSE_DOCUMENTS/stelprdb1236954.pdf>
* What is soil: <https://www.nrcs.usda.gov/wps/portal/nrcs/detail/soils/edu/?cid=nrcs142p2_054280>

Next, your task is to replicate soil horizons. You can do this any way you would like. You can draw, make a cake, use a bottle, make a candle… the possibilities are endless. Your model will need to include:

* **INTRODUCTION** – 3 parts
  + **What** is soil
  + **Why** is soil important
  + **Name 3** roles soil plays
* **CREATE** a model of the soil horizons that illustrates each layer
  + Make sure your model is proportionate to the size of each horizon
* **DESCRIBE** what is found in each horizon
* **LABEL** the horizon of soil you are representing