

Grade 2 – Assignment for week of (5/4 to 5/8)

Beginning Earth Science:

As we begin to learn about Earth Science we will look at what the soil or dirt is made of as we study the solid part of Earth.

Task #1:

Read and review the words and share with a parent or guardian or think to yourself.

Science Vocabulary:

Rock:	a non-living thing made of minerals found in the Earth
Minerals:	things made naturally in the earth and formed as crystals
Soil:	the top layer of Earth made of rocks, sand, clay, water, and air
Sand:	tiny bits of rock like you find at the beach
Pedologist:	a scientist who studies the different types of soil

Task #2: Sentence Write

Choose (3) of the science vocabulary words above to write sentences for. Your sentence is not a definition. It should be creative and show that you understand the meaning of the word by how you use it in the sentence.

Example:

Pedologist➤ *The earthquake was caused by a mudslide according to the pedologist.*

Write your (3) sentences below:

1.

2.

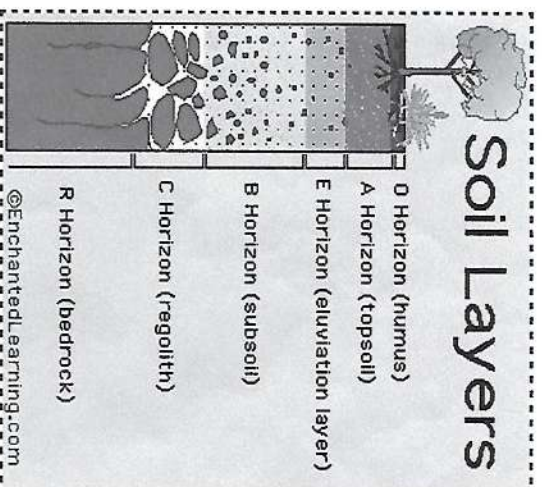
3.

Task #3:

Read the next page entitled, "Soil Layers" and use it and your science vocabulary to answer the questions on the last page entitled, "Soil Activity Sheet."

Name _____

Date _____



Soil covers much of the land on Earth. It is made up of minerals, rock, sand, clay, silt, air, water, and organic (plant and animal) material.

Types of Soil: There are many different types of soils. Each kind of soil is made up of different colors, textures, structures, and minerals inside. How deep the soil is in one place can be different than in another place. The kind of soil in an area helps determine what type of plants can grow there. A scientist who studies soil is called a pedologist.

Soil Formation: Soil is formed slowly as rock breaks down into tiny pieces near the Earth's surface. Soil is a mixture of organic(living material) and inorganic(non-living) material. Organic materials come from living things like plants and animals. Inorganic things are non-living, like rocks, minerals, and water.

Soil Horizons (layers): Soil is made up of separate horizontal layers; these layers are called horizons.

Uses of soil: People use soil to grow food and to make bricks. People mix clay soil with straw, and shape it into bricks. They use hard, adobe bricks to build things.

Name _____

Soil Activity Sheet

Date _____

- Answer questions (1-4) using the soil information sheet.

1. Use a complete sentence to tell the different things that soil is made of:

2. Use a complete sentence to tell the name of a scientist who studies soil:

3. Use a sentence to tell another name for the separate layers of the soil:

4. Use a sentence to tell the different things that people use soil for:
