

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

Date: \_\_\_\_\_

Lesson 2b Science Journal

# Grand Canyon Model

1. Draw the class anchor model.

Provide the explanation for the model.

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2. In the Grand Canyon Fossil Guide, read about Layer E. Then fill out the table.

### **Grand Canyon Fossil Guide: Layer E**

Fossils in this layer include trilobites, brachiopods, and worms.

#### **Trilobites**



Figure 1: Trilobite fossil found in Layer E

Trilobite fossils are very common. Most trilobites lived in the deep ocean. Some adapted to live in shallow, marine (salt) water. Trilobites are extinct, or no longer living.

## Brachiopods



Figure 2: Brachiopod shells similar to those found in Layer E

Brachiopods, also known as “lamp shells,” are a group of small shellfish that once lived near the shore in shallow marine water but now live in deeper water. They have been found in the fossil record going back over 500 million years. They have a hard shell.

## Worm Burrows



Figure 3: Worm burrows similar to those found in Layer E

Some animals leave behind what are called trace fossils. These fossils are evidence that an animal was there. They can include burrows and tracks. The worms that left these fossils burrowed in the ocean floor. Fossils like these have been found around the world.

<b>Layer</b>	<b>Fossils Present</b>	<b>What type of environment do you think the fossilized organisms lived in?</b>	<b>Provide evidence to support your thinking.</b>
E	Trilobites, brachiopods, and worm burrow fossils	Ocean water	