



Science Fair Project : Dinosaur Bread

Questions

- Why do you think oil and natural gas are called “Fossil Fuels?”
- How long do you think it takes for fossil fuels to form?

Set Up Materials

You will need three slices of different kinds of bread, gummy animals (Ex: Gummy worms or fish), paper towels, a stack of heavy books and a science buddy.

Steps

1. On a paper towel layer three pieces of bread on top of each other like a pancake stack. The bread layers will represent sediment layers that form over millions of years.
2. Next, insert a few gummy animals in a middle layer. (The gummy animals represent animals that died, became trapped in sediments and later fossilized.)
3. Wrap the entire bread fossil in a paper towel.
4. Then stack a layer of heavy books on top of the bread fossil. For best results, apply more pressure. Let it sit overnight. Do not disturb or peek!
5. On the following day: Predict how you think the bread fossil will look. Uncover the bread fossil and observe very closely.

Think About It

- How has the bread fossil changed?
- What eventually happened to the animal material when it was trapped in the porous bread layers?
- Try to pull the layers apart. What do you see in the pores of the bread?

Experiment Again?

Look for a fossil in your own backyard. Check out one of these books in your school library to help you learn more about fossils. *“Aliki’s Digging up Dinosaurs”* and *“The Magic School Bus: Journey to the Center of the Earth.”* (-Adapted from Fossils to Fuel)

****All experiments should be conducted with an adult.****