Elective: Digging in the Past

Overview

Did You Know People Thought Dinosaurs Bones Were From Human Giants?
Learn About Dinosaurs
Meet a Paleontologist

☐ Make a fossil cast.
   Learn How Fossils Form
   Make a Fossil Imprint In Salt Dough
   Mix ½ cup flour, ¼ cup salt and ¼ cup warm water in a mixing bowl.
   Knead dough with your hands until smooth. Enjoy these Dinosaur Songs while you mix.
   Roll dough on a lightly floured surface until ¾ in thick.
   Take a plastic toy, leaf, feather, coin, etc. and carefully press it into the flat dough.
   Remove it to see the fossil imprint!
   The dough will remain flexible so you can redo imprints or test several designs.
   To keep your design allow it to air dry for 3+ days or bake at the lowest setting for 2 hrs.
   You can also use acrylic paint to make it look like a rock or seal it with mod podge.

☐ Play a game that demonstrates your knowledge of dinosaurs.
   Do A Virtual Dinosaur Dig

☐ Create an imaginary dinosaur. Share with your den its name, what it eats, and where it lives.
   Sometimes Scientists Make Mistakes. Learn About The Brontosaurus Debacle.
   Scientists Shouldn’t Mix & Match Dinosaur Bones, But You Can! Make Your Own Dinosaur

☐ Make edible fossil layers. Explain how this snack is a good model for the formation of fossils.
   Learn About The Three Layer Cake
   Make Edible Fossil Layers Including 3 Layering Foods and 1 Crunchy Food. Examples Include:
   • Yogurt, blueberries, strawberries, and granola
   • Chocolate pudding, vanilla pudding, whipped cream, and crumbled cookies
   • Mac n’ cheese, hot dogs, peas, and potato chips
   • Lettuce, cucumbers, tomatoes, and croutons
   Put The First Layering Food In A Clear Cup or Bowl. This Represents The Paleozoic Era.
   Put The Second Layering Food In. This Represents The Mesozoic Era.
   Add The Crunchy Food To Represent The Dinosaur Fossils That Were Found In This Era.
   Add the Third Layering Food. This Represents The Cenozoic Era.