



Grade 3: Mini Lab Boxes

Please choose one Mini-Lab for your field trip.

Earth Science

Mini-Lab #1: Geology Rocks!

Students conduct an exciting investigation into igneous, sedimentary, and metamorphic rocks. Your class will study how they form, how they change, and the dynamics of the Rock Cycle.

Projects include: Rock and Mineral Collection Box, Rock-O-Rama Activity, and Loadstones

Mini-Lab #2: Fossil Frenzy

Students love dinosaurs and fossils. Your class will dig for fossils and shark teeth as they learn about the processes that form fossils. Paleontologists are scientists who learn about the forms of life that existed a long, long time ago. They do their work by studying fossils. The learning continues with a lesson on Egyptian Hieroglyphics.

Projects Include: Trilobite Discovery, Shark Tooth and Fossil Dig, and Papyrus Bookmark

Mini Lab #3: Beneath The Surface-Soil Profiles

Soil is a complex ecosystem made up of layers. Students assemble an edible soil profile, including the worms! There are three classifications of rock; sedimentary, igneous, and metamorphic. Students classify these rocks using a rock collection key and take their rocks with them.

Projects include: Soil Profile model, an Edible Soil Profile, and Rock Classification and Collection.

Mini Lab#4 Water and Climate

This field trip provides students with experiences to explore the properties of water, the water cycle and daily and long- term weather trends. This leads to understanding the difference between weather and climate.

Projects Include: Water Cycle Wheel, Tree Ring Activity, and Building a Solar Oven