



Grade K: Mini Lab Boxes

Please choose one Mini-Lab for your field trip.

Life Science

Mini-Lab #1: Seed to Plant

With our Root Observation Station, students utilize a special poly-crystal (instead of soil) that allows them to view the sprouting process and root growth. This helps them observe a plant at all the stages of its life cycle.

Projects include: Discovering plant parts, Building the Root Observation Station, Plant Life Cycle. Students will also make some notes in their Mini-Lab booklets.

Mini-Lab #2: Build an Aquarium

Your class will build and maintain individual aquariums that become, over time diverse underwater ecosystems. Students observe food chains, population changes and life cycles.

Projects include: Building an aquarium, studying the role of plant life, comparing the structures and behavior of goldfish to those of guppies, and keeping a science notebook.

Mini-Lab #3: Animals, Plants and their Environments

Students set up terrariums using brassica seeds that grow very quickly, they add local animals such as snails, isopods, and worms and provide for the needs of the plants and animals.

Projects include: Water Cycle Wheel, Building a Terrarium, and the structure and function of Pill Bugs.