Grade 4: Life Science
Please choose one Minilab for your field trip.

Life Science

Mini-Lab #1: Food Webs and Chains
Students will study how organisms are interdependent as they study the life cycles of consumers and producers. Students explore the life cycles of plants and animals. Your class will build food chains and watch how they survive.

Projects include Food Chain Model, and Owl Pellet Dissection. Sun Prints (Take Home/Classroom)

Mini-Lab #2: It's a Small, Small World!
Your class will study things that are so small that they can't be seen by the naked eye without a microscope and take an in-depth look at Fungi and Yeast.
Students will come to understand the importance of the discovery of the microscope and how it helps scientists learn about cell structure and how to fight diseases.

Projects include: The structure and function of the microscope (Foldscope), Fungi Sandwich (Take Home/Classroom), and Feeding Yeast.

Mini Lab#3: Ecosystems:
Students will study food chains in their own ecosystems. They experiment with soil and light to find the best growing conditions as they create a terrarium ecosystem and plant an herb garden greenhouse.

Projects Include: Build a Terrarium with Pill Bugs and set up a Butterfly Garden Parts of a Plant-Lima Bean Sprout. (Take Home/Classroom)

Mini Lab #4: Pollution Solution
Your class will study how humans impact the environment and what can be done to minimize the destructive forces that create environmental hazards.

Projects include Cleaning up an Oil Spill, Reusable Lunch Bag, and Natural Water Filter. (Take Home/Classroom)