



Grade 3: Mini Lab Boxes

Please choose one Mini-Lab for your field trip.

Life Science

Mini Lab-1: That Makes Sense!

Students explore the structure of their tongues and conduct a taste test. Students use simple instruments to investigate how to change the volume of sound and pitch of sound, and how light interact with objects that are transparent, translucent, and opaque.

Projects Include: Taste Testing, Colored Xylophone, and Heat Sensitive Polymers.

Mini-Lab- 2: Growing Further

Students set up a hydroponic Root Observation station to observe the life cycle of a sunflower plant. Students learn about plant structures and functions.

Projects Include: Root Observation Station, Water Cycle Wheel, Plant structure activity.

Mini-Lab-3: Meet the Owl Pellet

Students observe and dissect the structure of an owl pellet and compare the skeletal structures of the different critters found within the pellet. Your class will learn how owl pellets explain the interactions involved in food webs and food chains.

Projects include: Owl Pellet Dissection and Skeletal Assembly Line.

Mini Lab-4: Make No Bones About It!

Students observe the articulated human skeletal system in action. They explore joints and their role in movement and build operational models of a skeleton. To investigate their skin, they make and analyze fingerprint patterns.

Projects Include: Skeleton Model, Fingerprint Card, and Chicken Bone Soup.