



Grade 4: Mini Lab Boxes

Please choose one Mini-Lab for your field trip.

Earth Science

Mini-Lab #1: Cosmic Cookie Dough

Students gain perspective on the physical relationships between objects in our Solar System. First students become familiar with the names and positions of the eight planets, and then they study asteroids, meteoroids, and comets.

Projects include: Solar System Model, Comet Model, and Telescope Build.

Mini-Lab #2: Weather on The Wild Side

Students study the role has in our water cycle; they measure weather conditions using tools of their own making. They compare Fahrenheit and Celsius scales and take temperature readings. Your class will also investigate air pressure and barometers, and construct wind vanes.

Projects include: Water Cycle Wheel, Wind Vane and Sun Thermometer.

Mini Lab#3: I Feel The Earth Move!

Soils Rocks and Landforms

Students explore the massive movements that are constantly shaping Earth: volcanoes erupting, trenches creeping open, continental plates colliding and sending mountain ranges skyward. Students learn how rocks provide clues to Earth's history, structure, and geological activity.

Projects include: Rock Cycle Project, Edible Continental Plates, and Volcano Model.