Grade 5: Mini Lab Boxes
Please choose one Mini-Lab for your field trip.

Earth Science

Mini-Lab #1: Weather on The Wild Side.

Students Study about the six weather factors, temperature, air pressure, wind, humidity, precipitation, and cloudiness, as well as the difference between weather and climate. They discover the importance of accurate weather forecasting and record keeping, and how to do both. Students build their own weather stations.

Projects include: Weather Station.

Mini-Lab #2: Geology Rocks!

The Soils, Rocks, and Landforms lab provides students with firsthand experiences with soils, rocks, and minerals, and modeling experiences to study changes to rocks and landforms at Earth's surface.

Projects Include: Rock Cycle Card, Erosion Activity, and Landform Play Dough.

Mini-Lab #3: Solar Powered!

Students become aware of the potential of solar energy, an inexhaustible source, as an alternative energy source to fossil fuels, a nonrenewable source.

Projects Include: Solar Oven, and Solar Powered Night Light.

Mini-Lab #4: Water, Water, Everywhere.

Students investigate systems to observe condensation on cold surfaces and determine the components of the water cycle. They explore the conditions that promote evaporation, and simulate the travels of a drop of water through the water cycle to explore the complexities of the process.

Projects Include: Water Cycle Wheel, Oil Spill Clean up, and Giant Growing Frog

Mini-Lab #5: Planetary Systems.

Students come to understand that Earth is one of several planets that orbit our Sun in the solar system. Your class will learn that Earth rotates on its axis, causing day and night. Day happens when a location on Earth is facing toward the Sun, and night happens when a location is facing away from the Sun. Learn that stars are suns positioned at great distances from Earth and form groups called constellations that appear to move together across the sky at night.

Projects Include: Earth Model, and Constellation Geo Board.