Lab Materials

Note: Some of these materials will go bad, and others will take some time tracking down. Please give the list a look over. If there are any materials that will go bad, wait to purchase.

If you are unable to track down these materials, many of these labs are available virtually. Simply search the name of the lab in your search engine of choice and similar labs may show up.

Please read and follow all safety precautions, which will be outlined in a yellow box. Many labs require parent or guardian supervision.

Lesson 1, Explore II: Earth Science
- Household items (may be purchased from grocery store)
  1. wooden skewer
  2. Styrofoam ball
  3. permanent marker
  4. bright lamp
  5. flashlight
  6. graph paper

Lesson 2, Explore II: The Atmosphere
- Household items (may be purchased from grocery store)
  1. toaster
  2. pinwheel
  3. water
  4. red and blue food coloring
  5. ice tray
  6. freezer
  7. shallow rectangular glass dish

Lesson 3, Explore II: Water Resources and Use
- Household items (may be purchased from grocery store)
  1. 2 sponges
  2. water source
  3. plastic wrap

Lesson 4, Evaluate: Soil Quality Lab
- Household items (may be purchased from grocery store or home improvement store)
  1. soil sample
  2. clear, straight-sided jar
  3. water
  4. tablespoon of laundry or dish detergent
  5. ruler
  6. water-soluble marker
  7. soil test kit with P, K, N, and pH tests
  8. 4 small cups
  9. camera