

Shopping List for 6th Grade: Earth Science

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How many of these items do you already have? We've tried to keep it simple for you by making the majority of the items things most people have within reach (both physically and budget-wise).

- 2 liter soda bottles, 3
- 90 degree glass tubes (one inserted into a single-hole stopper)
- AA batteries
- activated charcoal (check an aquarium store)
- alcohol burner
- alligator wires
- alum
- aluminum foil
- aluminum pie pan
- balloons
- bathtub
- bathtub or sink
- black paint (flat, not shiny)
- bowl
- brown paper bag
- calculator
- cardboard boxes, 2 (shoebox or larger)
- cheese cloth
- chemistry stand
- chocolate bar (large)
- clay (small lump)
- clay flower pot (unglazed)
- clay saucer (unglazed)
- cold morning
- cold water
- cookie dough
- cooler (small insulated ice chest - Styrofoam or plastic)
- corn syrup
- cotton balls
- cups, 4 (lightweight)
- Diaper Genie bag
- diffraction grating (or use an old CD)
- dime
- disposable aluminum pie pans, 2
- distilled water
- drill
- drinking glasses, 2 (identical)
- duct tape (or masking tape)
- earphone (or headset for portable radio)
- electric fan
- Epsom salt
- Erlenmeyer flask
- film canister (or soup can)
- flashlight
- flexible tubing (12")
- foam cup (any size)
- food coloring (including blue and red)
- funnel
- garbage bag (lightweight plastic)
- glass jars, 3 (large)
- gloves
- goggles
- grass clippings (freshly cut)
- hair dryer
- heating rod
- highlighter (orange)
- hole punch
- hot glue
- hot water (not scalding!)
- ice cubes
- incandescent light bulb (or sunny day)
- index cards
- insulated mitt
- jars, 3 (or water bottles)
- lamp (with one incandescent bulb)
- large page magnifier (Fresnel lens - found at drug stores or places that also sell reading glasses, or at Amazon.com)
- lighter (with adult help)
- lightweight string (about 4 feet)
- Lysol (aerosol can)
- magnifying lens
- matches (with adult help)
- measuring cups
- measuring spoons
- medicine dropper
- microwave
- modeling clay
- newspaper
- one-hole rubber stopper
- OPTIONAL: cooking thermometer
- OPTIONAL: foam block
- OPTIONAL: funnel
- OPTIONAL: thermometer
- OPTIONAL: [UV shortwave lamp](#)
- oven

- paint brush
- pan
- paper
- paper clips
- paper cups
- paper towel
- paper, black
- paper, white
- pen
- pencil with eraser
- penny (new and shiny)
- pepper
- ping pong ball
- pinwheel (can be made from construction paper)
- pizza box (clean)
- plastic bags, re-sealable
- plastic bottle
- plastic bowl
- plastic cups, 3 (at least - large, clear)
- plastic pan (4 inches deep and 12 inches across is a convenient size but other sizes can be used)
- plastic water bottle with cap
- plastic wrap
- plate
- play sand (clean)
- popsicle sticks
- popsicles
- poster board (two large sheets - black is best)
- pot
- PVC pipe (any size, about 12" long)
- rainy day (or use water)
- rake
- red laser
- refrigerator (with freezer compartment)
- room temperature water
- rubber tubing
- rubbing alcohol
- ruler (or yardstick)
- salt
- saltwater
- sand paper
- scissors
- shade tree
- shelled peanut
- shoe box (small - child's size)
- silicon solar cell
- silver marker (or aluminum foil)
- single hair
- sink

- small pliers
- S'mores supplies (marshmallows, chocolate, graham crackers)
- soda cans, 5 (empty 12 ounce aluminum)
- [sodium acetate \(MSDS\)](#)
- spoon
- stopwatch
- stove (with adult help)
- straws (one longer than the width of the shoebox)
- Styrofoam cup
- [sun print paper](#) (or other paper sensitive to light)
- sunlight
- sunny day
- tacks (or pins)
- tape
- tea bags, 2 (small)
- test tube
- test tube clamp
- thermal paper (AKA [liquid crystal sheet](#))
- thermometer (outdoor type)
- thermometers, 4
- tinsel (make your own with aluminum foil)
- tomato juice
- tongs
- towel
- watch (or clock)
- water
- water bottles, 6
- water sample (coffee with the grounds put back in works great)
- wax paper
- wire screen
- wooden skewers (BBQ style)
- [worksheet](#)
- yeast