

Shopping List for 6th Grade: Life 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).

- 1/4" wire mesh
- 20 [red worms](#)
- 20mL sample of pond water
- 2-liter bottle caps
- 2-liter soda bottles, 15 (empty and clean)
- aluminum foil
- belt buckle (or large, strong rubber bands)
- brown paper grocery bag
- bucket (that has a smaller diameter than the top of the funnel)
- candle
- cardboard
- carrots, 3
- celery stalks, 4+ (with leaves still attached - more depending on how many variables to test)
- clear containers, 2 (like drinking glasses)
- clothespins
- colored water
- cookie sheet
- cotton ball
- cotton string (heavy - 60cm)
- coverslips
- dead grass
- drill
- drinking glasses, 2 (or jars)
- dry beans (about a cup)
- duct tape (or a rubber band)
- eyedropper
- fast-growing plant seeds (radish, grass, turnips, Chinese cabbage, moss, etc.)
- fine wire mesh
- flexible rubber tubing (1-2 feet)
- food coloring
- food scale (or similar - sensitive enough to weigh celery, small plants)
- gallon tractor funnel
- glass jar, 2 (one with lid)
- glasses of water, 3
- ice
- iodine (you can use regular, non-clear iodine from the drug store)
- jug (milk or juice jug)
- last night's dinner, organic scraps, plant material for worm food
- light bulb (The wattage has to be high enough to heat the soil, but not so high that it will light the funnel on fire. Best to do it by trial and error with lots of supervision!)
- light fixture (that fits on top of the funnel and has a reflective interior)
- lighter (or matches - with adult help)
- measuring spoons
- medicine dropper (disposable)
- microscope
- newspaper
- newspaper, old leaves, peat moss, and/or straw for worm bedding
- object to dry mount, such as a strand of hair
- OPTIONAL: Protoslo
- paper
- paper towels
- penny
- pieces of celery stalk, 2
- plant (not potted yet)
- plants
- plastic container with a snap-lid (like an M&M container or film can)
- plastic wrap
- pot (for planting)
- potato slices, 2
- predators: spiders OR praying mantis OR carnivorous plants (if you're using carnivorous plants, make sure you do this [Carnivorous Greenhouse](#) experiment first so you know how to grow them successfully)
- razor (with adult help)
- rubber bands
- rubbing alcohol
- ruler
- salt
- scissors
- short pieces of stiff plastic tubing, 2
- slides
- small piece of fruit

- small vial or test tube with a (snug fitting) two-holed rubber stopper.
- soil
- spiders, snails, fruit flies, etc.
- spoon
- stain (you can use regular iodine or Lugol's Stain)
- string
- sugar
- tape
- the letter "e"
- translucent specimen, such as a piece of onion and elodea leaf
- tweezers
- water
- yeast