

# Shopping List for 4<sup>th</sup> 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). NOTE: some materials (such as alligator wires, batteries and battery cases) can be used more than once if you dismantle previous experiments.

- 2-liter bottle caps, 4
- 2-liter soda bottles, 13 (empty and clean)
- agar
- aluminum foil
- bananas (one green, one very ripe)
- belt buckle (or large, strong rubber bands)
- bread slices
- cardboard
- compost (or organic/food scraps)
- cotton swabs
- film canister (or similar small container with a snap-on lid)
- gravel (or sand)
- jar (glass)
- microscope (with slides & coverslips)
- newspaper
- newspaper, old leaves, peat moss, and/or straw for worm bedding
- paper
- paper bags, 2
- paper towel
- petri dishes
- pie plate
- piece of fruit
- plants (or seeds)
- plastic lid (that fits inside a 2L soda bottle)
- plastic wrap
- plates
- predators (spiders OR praying mantis OR carnivorous plants)
- [PVA \(polyvinyl alcohol\)](#)
- razor (with adult help)
- [red worms](#), 20
- ruler
- sandwich bag (with zipper closure)
- scissors
- seeds
- sink
- soil, twigs, small plants
- Spanish moss
- spiders, snails, fruit flies, etc.
- sugar
- tape
- water
- [worksheet printout](#)
- yogurt
- yeast