

# Materials for Experiments

Male betta fish  
Fish bowl  
Mirror for fish bowl  
Chicken egg  
Vinegar  
Glass  
Lizard in a terrarium (borrow one?)  
Video camera  
Roasted chicken  
Variety of bird feathers (collected from nature)  
Dead insects of your choice  
Birdseed  
Poster board in a variety of colors  
Water bottle  
2 flexible straws  
Fifteen clean and empty 2-liter soda bottles with caps (check your local recycling center)  
One small plastic lid that fits inside the soda bottle (like from a yogurt or butter tub)  
Aluminum foil (12" piece)  
Plastic vial (like an M&M container or a film canister)  
1 yard (or meter) of cotton twine or rolled up paper towel  
Brown paper grocery bag  
Newspaper  
fast-growing plant seeds (radish, grass, turnips, Chinese cabbage, moss, etc.)  
Flexible or clip-on style lamp with fluorescent bulb  
Soil, twigs, leaves, and organic plant material

Live predators (praying mantis or spiders or carnivorous plants)  
Live red worms (about 20)  
Small piece of fruit  
White and black spray paint  
20 feet of rope  
Graph paper (optional)  
Non-flexible straw  
Salt  
Glass  
Distilled water  
Permanent marker  
Clay  
Paint can (we'll use the lid for the secchi disk and the pail for the waterscope) OR plastic gallon-size jug  
Large rubber band  
Plastic film (like saran wrap)

## **Tools:**

scissors  
razor with adult help  
hot glue gun  
masking tape

## **Optional Dissection Materials:**

Simple dissection tools (forceps, tweezers, scissors, scalpel, T-pins, mounting board, clear plastic ruler)  
Starfish specimen  
Earthworm specimen  
Clam or oyster specimen  
Owl Pellet