

FOSS NG Teacher-supplied Materials Grade 6		
Type	Material Needed	
Diversity of Life		
Technology Equipment	<ul style="list-style-type: none"> • Computer with Internet access 1 Document camera or overhead projector • Extension cords with multiple outlets (optional) 1 Projection system 	
Measuring Tools	<ul style="list-style-type: none"> 1–2 Balances, electronic, accurate to 0.1 g 1 Beaker, 500 mL 16 Rulers 1 Thermometer, Celsius 	
Paper	<ul style="list-style-type: none"> • Cardboard, paper, or bark 1 Dark paper, small piece • Chart paper • Index cards (optional) • Magazine photographs, colored • Newspaper • Notebook paper • Paper towels • Paper towels, brown • Paper towels, extra-absorbent • Science notebooks (composition books) • Scratch paper • White paper, 22 x 28 cm (8.5" x 11") 	
Resources	<ul style="list-style-type: none"> • Field guides, insects (optional) • Field guides, plants (optional) 	

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Supplies	<ul style="list-style-type: none"> • Bleach (optional) 1 Bucket (optional) • Celery stalks with leaves 8 Cotton balls or pieces of sponge • Dry leaves, grass, soil • Flowers <ul style="list-style-type: none"> • Alstroemeria • Gladiolus • Mixed bouquet • Food for cockroaches (apple, banana, bread, potato chip, etc.) • Food samples <ul style="list-style-type: none"> • Blue chees or other "mold" cheese • Bread with no preservatives • Grain-based foods (optional) • Kimchi or sauerkraut • Mushrooms, button • Swiss cheese • Yogurt, plain 	<ul style="list-style-type: none"> • Gloves, rubber (optional) • Glue sticks (optional) • Honey or syrup • Lima beans, bag • Masking tape • Painter's tape • Paper plates, muffin cups, or waxed paper 1 Petroleum jelly, jar 32 Plastic spoons, small • Potting soil, 1 L (optional) 8 Rubber bands, large • Rubbing alcohol (optional) • Sand, soil, or wood shavings • Sheet protectors, clear-plastic 8 Straws • Sugar, 30 mL • Transparent tape • Water, bottled (optional)

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Other Tools	1 Bottle, plastic, 1.5 L 16 Calculators 8 Cameras (optional) 8 Clipboards (optional) <ul style="list-style-type: none"> • Colored pencils, marking pens, and highlighters • Containers, empty, yogurt 1 Flashlight, large 1 Flowerpot, planter, or cup with hole (optional) 1 Heat source, such as a hot plate 1 Knife, sharp, or single-edged razor blade 8 Marking pens, whiteboard (optional) 16 Microscopes, compound, 40X–400X 2 Microscopes, dissecting, 10X–30X (optional)	8 Mini-whiteboards 1 Net, sweep (optional) 1 Oven mitt 1 Pan, small 1 Pitcher (optional) 1 Plant press (optional) 32 Safety goggles 32 Scissors 16 Slides, prepared, human-cheek tissue (optional) 1 Spray mister 1 Stirring rod 3 Trays 1–2 Tubs 1 Whistle (optional)
Live Organisms	8 Elodea sprigs 16 Madagascar hissing cockroaches <ul style="list-style-type: none"> • <i>Paramecium caudatum</i> culture • Plant cuttings, including ivy and potato 1 <i>Tradescantia zebrina</i> (spiderwort) plant	

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Type	Material Needed	
Human Systems Interactions		
Technology Equipment	<ul style="list-style-type: none"> • Computers with Internet access 1 Document camera or overhead projector 1 Projection system • Extension cords with multiple outlets (optional) 	
Measuring Tools	32 Rulers (optional)	
Paper	<ul style="list-style-type: none"> • Butcher paper, dark (optional) 12 Card stock, 22 x 28 cm (8.5" x 11") (optional) • Chart paper • Science notebooks (composition books) • White paper, 28 x 44 cm (11" x 17") • White paper, 22 x 28 cm (8.5" x 11") 	
Supplies	<ul style="list-style-type: none"> • Extracts/scents • Glue sticks (optional) • Nutrition labels • Rubbing alcohol 8 Sheet protectors, plastic (optional) • Transparent tape (optional) • Water bottle with nutrition label 	
Other Tools	<ul style="list-style-type: none"> 16 Calculators 32 Colored pencils, eight different colors, four of each color 1 Dollar bill, crisp 8 Eraser, whiteboard (optional) • Marking pens and highlighters 8 Marking pens, whiteboard (optional) 1 Memory-test set (key, paper, bag, stapler, book, paper clip, ruler, comb, dollar bill, fork, cork) 8 Mini-whiteboards (optional) 32 Scissors 	

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Weather and Water		
Technology Equipment	<ul style="list-style-type: none"> • Computers with Internet access 1 Document camera 1 Projection system • Extension cords with multiple outlets (optional) 	
Measuring Tools	<ul style="list-style-type: none"> 8 Stopwatches or watches 1 Electronic balance 	
Paper	<ul style="list-style-type: none"> 2 Cardboard squares, 6 cm • Chart paper • File folders • Index cards (optional) • Newspaper • Notebook paper • Paper for model roofs, assorted colors and sizes • Paper towels • Science notebooks (composition books) • Self-stick notes (two colors) • White paper, 22 x 56 cm (8.5" x 11") 	
Resources	<ul style="list-style-type: none"> 1 Globe on stand, 30 cm diameter or larger 1 Map of United States 	

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Type	Material Needed	
Supplies	<ul style="list-style-type: none"> • Aluminum foil • Glue sticks (optional) • Ice • Insulating materials (See Investigation 5, Part 2) • Lamp oil, blue, 250 mL (8 oz.) • Masking tape • Matches • Mineral oil, 250 mL (8 oz.) • Paper clips (optional) 1 Penny 2 Plastic bags, small • Plastic wrap (optional) 16 Rubber bands, stout • Transparent tape • Water (hot, cold, room-temperature) 	
Other Tools	2 Basins, shallow 16 Calculators (optional) <ul style="list-style-type: none"> • Colored pencils, marking pens, highlighters 8 Erasers, whiteboard (optional) 2 Forks, metal 1–4 Heat lamps, infrared, 250 watt (optional) 1 Hot plate or microwave oven to heat water (optional) 1 Ice chest 1–4 Lamp fixtures, clip-on, ceramic sockets (optional)	1 Marking pen, permanent 8 Marking pens, whiteboard (optional) 8 Mini-whiteboards (optional) 2 Pitchers or gallon jugs 2 Plastic bottles, clear, with screw caps, 1/2 L 4 Plastic bottles, clear, with screw caps, 1 L 2 Plastic bottles, clear, 2L (8 more optional) 32 Safety goggles (optional) 8 Scissors 8 Shims, wood or metal (optional) 1 Thermos bottle (optional)