

# Kit Materials List

20	Applicators, sterile cotton swabs*	1	Sodium hydroxide, 2%, bottle/30 mL*
1	Berlese apparatus	2	Soil, potting, bags*
10	Brushes, small	1	Starch agar, 200 mL*
1	Cards, Life Forms, set of 600	10	Trays, watering
10	Choice chambers		
1	Container, plastic		
1	Cover slips, pkg/1 oz*		
10	Cups, medicine		
1	Fertilizer, pkg/3 g*		
10	Forceps	1	Curriculum Guide
10	Guides, <i>Aquatic Stream Macroinvertebrates</i>	1	Curriculum Resource CD-ROM
10	Guides, <i>Dichotomous Key to Microlife</i>		
10	Guides, <i>Plant and Animal Identification</i>		
1	Hydrochloric acid, 1%, bottle/30 mL*		
60	Inoculating loops*		
1	Jar, collection, for Berlese apparatus		
10	Labels, for planting pots*		
10	Magnifying glasses		
5	Methylene blue stain (Loeffler's), bottles/30 mL*		
2	<i>Microlife Mix</i> <sup>™</sup> /vial*		
2	Microscope slides, p/72*		
1	Nutrient agar, 200 mL*		
70	Paper discs, filter*		
5	Pencils, wax		
35	Petri plates, sterile*		
1	Pill bugs, live material coupon*		
40	Pipets, plastic		
1	Poster, Classification of Living Things†		
1	Poster, Ecology of Vernal Pools†		
1	Poster, Plants and Plant Processes†		
1	Poster, Viruses and Bacteria†		
1	Poster, Visualizing Protists†		
10	Pots, for planting		
1	Radish seeds, pkg/5 g (approximately 200 seeds)*		
10	Rulers, 6-inch		

\* = consumable item

† = in separate box

To order consumable items, please call 1-800-225-3739.

### Teacher-Provided Items

- Aprons
- 2 Bags, resealable, quart size
- 610 Bags, resealable, sandwich size
- 1 Balance, digital (readability 0.01 g)
- 1 Beaker, 1 L
- 1 Beaker, 500 mL
- Bleach, household
- 3 Buckets or large jars
- 1 Bunsen burner
- 1 Camera, digital
- 1 Clock or watch with second hand
- 10 Clothespins
- 1 Erlenmeyer flask, 500 mL
- Field guides, animals, plants, birds, fish
- Gloves
- 1 Gloves, heat protective/pr.
- 1 Graduated cylinder, 1000 mL
- 1 Incubator, set to 25°C
- 50 Jars, collection (optional)
- 5 Jars or beakers, wide-mouthed
- 602 Labels, adhesive
- 1 Lamp with a 100W bulb
- 1 Light, plant growing
- Maps, local
- 10 Markers, permanent
- 10 Microscopes, compound light
- 10 Microscopes, stereo
- 10 Nets, dip, large
- 1 Net, dip, small
- 1 Paper towel roll or bibulous paper
- 10 Paper, construction, black, sheets
- 10 Paper, construction, red, sheets
- 10 Paper, construction, yellow, sheets
- Parafilm
- 1–3 Pond samples, collected from a local pond
- Safety goggles
- 10 Scissors/pr.
- 2 Tape, masking, rolls
- 2 Trowels or small shovels
- 1 Waders, waterproof (optional)/pr.
- Water, distilled or bottled

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