

NRE Materials by Vendor

This list is sorted by CASE recommended vendor. Use this materials list to make a classroom inventory for ordering purposes.

Miscellaneous Vendors

Need	Qty/ 20	Qty/ 30	Unit	Item Specifications	Vendor
	7	10	Each	Biltmore stick	Forestry Suppliers
	1	1	Each	Phosphate standard, 10.0mg/L PO ₄	Hach 14204-16 (www.hach.com)
	1	1	Each	PhosVer3 phosphate powder pillows	Hach 2125-99 (www.hach.com)
	4	6	Each	Sterile droppers, pkg. 10	(Micrology DRP03) www.micrologylabs.com
	40	60	Each	Sterile sample tubes	(Micrology TST15) www.micrologylabs.com

Lab-Aids

Need	Qty/ 20	Qty/ 30	Unit	Item Specifications	Vendor
	0	2	Each	Ecological Succession EXPAND-A-KIT (#556EL)	Lab-Aids
	1	1	Each	Ecological Succession kit (#556)	Lab-Aids
	5	8	Each	Graduated cup, 30ml	Lab-Aids
	5	8	Each	Mini stream table kit (stream bed, catch basin, stand, rainmaker)	Lab-Aids

Local

Need	Qty/ 20	Qty/ 30	Unit	Item Specifications	Vendor
	7	10	Each	Aluminum baking sheet	Local
	5	6	Rolls	Aluminum foil	Local
	21	30	Each	Aluminum tray, bowl or plate, assorted, small	Local
	7	10	Each	Bag, plastic, garbage size	Local
	1	1	Box	Baking soda	Local
	5	8	Each	Bamboo grilling skewer or awl	Local
	1	2	Pkg	Bead, medium, white	Local
	1	2	Pkg	Bead, small, blue	Local
	1	2	Pkg	Bead, small, gold	Local
	1	2	Pkg	Bead, small, silver	Local
	10	15	Each	Binoculars	Local
	Various	Various	Assorted	Bird's nests, mouse nests, or other animal habitats	Local
	25	32	Each	Bottle, clear plastic	Local

	5	8	Each	Bottle, plastic, one-gallon water, empty	Local
	15	24	Each	Bottles, two liter	Local
	21	30	Each	Bowl, paper	Local
	10	15	Each	Bucket	Local
	1	1	Each	Bucket of bleach water, prepared (See Teacher Notes)	Local
	10	15	Each	Bucket or plastic container	Local
	10	15	Each	Bucket, one-gallon	Local
	10	15	Each	Clipboard	Local
	30	45	Each	Coffee filters	Local
	10	15	Sets	Colored pencils	Local
	10	15	Each	Container, 250ml	Local
	10	15	Each	Container, airtight, clear	Local
	10	15	Each	Container, small shoe size	Local
	1	1.5	Quart	Cooking oil	Local
	1	1	Yard	Cotton fiber	Local
	30	48	Each	Cup, clear plastic	Local
	56	80	Each	Cup, foam or plastic	Local
	5	8	Each	Cup, plastic, 9oz	Local
	20	30	Each	Device with calculator	Local
	5	8	Each	Device with stopwatch	Local
	10	15	Each	Digital camera or recording device	Local
	5	8	Each	Dish tub, plastic	Local
	7	10	Each	Electronic 5-10 lb. balance	Local
	5	8	Each	Eye dropper (fits in holes of hummingbird feeder)	Local
	40	60	Each	Flags or surveyors (or 10 rolls marking tape)	Local
	1	1	Bottle	Food coloring, green	Local
	1	2	Each	Food coloring, yellow	Local
	7	10	Each	Funnel	Local
	10	15	Each	Funnel, large	Local
	10	15	Each	GPS unit (If not using a LabQuest)	Local
	5	8	Each	Graduated cylinder, 100ml	Local
	7	10	Each	Hammer	Local
	2	1	Each	Hole punch	Local
	3	4	Each	Hot pad or germination pad, or small work lights	Local
	1	2	Each	Hummingbird feeder	Local
	2	2	Bag	Ice	Local
	1	1	Each	Ice chest for water samples	Local
	3	4	Pkg	Index cards, lined or unlined	Local
	100	150	Each	Index sticky tabs	Local
	5	8	Each	Jar, 6 oz.	Local
	10	15	Each	Lamp with 100W bulb (non LED)	Local
	Various	Various	Assorted	Leaves, grasses, and native plant material	Local
	7	10	Each	Line level	Local
	20	30	Each	Local newspaper real estate section	Local
	8	11	Each	Map of the school	Local
	5	8	Each	Marbles or pebbles	Local

	10	15	Each	Marker, water-soluble, brown	Local
	7	10	Sets	Markers, assorted	Local
	10	15	Each	Metal rod, 1.5m	Local
	10	15	Each	Meter stick	Local
	10	15	Books	Nature guide for local area (optional)	Local
	5	8	Each	Number cube	Local
	1	2	Each	Pan with water, deep	Local
	1	2	Each	Pan with water, shallow	Local
	10	15	Each	Pan, shallow	Local
	1	1	Yard	Paper strip	Local
	6	8	Each	Paper strips, red and blue, 2" x 18"	Local
	16	24	Rolls	Paper towels	Local
	2-3	4	Sheet	Paper, blue	Local
	2-3	4	Sheet	Paper, brown	Local
	1	1	Ream	Paper, card stock	Local
	50	76	Sheets	Paper, copier	Local
	20	30	Each	Paper, graph	Local
	2-3	4	Sheet	Paper, green	Local
	200	300	Sheets	Paper, lined, notebook	Local
	10	15	Each	Permanent marker	Local
	10	15	Each	Permanent marker, blue	Local
	10	15	Each	Permanent marker, green	Local
	10	15	Each	Permanent marker, red	Local
	7	10	Each	Plant classification guides for the local area	Local
	5	10	Each	Plant material strips	Local
	10	15	Each	Plastic bag	Local
	1	1	Box	Plastic bag, sandwich size	Local
	1	1	Yard	Plastic strip	Local
	5	8	Rolls	Plastic wrap	Local
	30	45	Each	Plate, paper	Local
	10	15	Package	Play money, \$1, \$5, \$10, \$20, and \$50 denominations	Local
	5	8	Each	Pliers	Local
	1	1	Package	Popcorn	Local
	7	10	Each	Posterboard	Local
	1	1	Each	Posterboard or construction paper, 12" x 18"	Local
	5	8	Liters	Potting soil	Local
	10	15	Each	Quarter coin	Local
	1	1	Box	Raisins	Local
	1	1	Package	Rice	Local
	10	15	Each	Rubber band, small	Local
	20	30	Each	Ruler, English and metric	Local
	10	15	Each	Ruler, metric	Local
	10	15	Each	Sampling frame	Local
	5	6	Liters	Sand	Local
	2	3	Gallon	Sand or potting soil	Local
	10	16	Cups	Sand, damp	Local
	20	30	Pair	Scissors	Local
	Various	Various	Assorted	Seeds or fruit	Local
			Assorted	Shells, animal skins or pelts, etc.	Local
	1	1	Each	Sink with water	Local

	1	1	Each	Soap solution, 25%, 500ml	Local
	5	6	Liters	Sod	Local
	1	1	Each	Soil pit	Local
	-	-	Assorted	Soil samples including sand, peat moss, and clay as well as samples from garden, lawn, grassed area, woods, barren, and other vegetative covers	Local
	1	1	Sample	Soil, clay	Local
	1	1	Sample	Soil, compacted	Local
	3	3.5	Gallon	Soil, garden	Local
	1	1	Sample	Soil, garden	Local
	10	15	Sets	Soil, garden sampled, five different	Local
	1	1	Sample	Soil, loam	Local
	2	3	Gallon	Soil, local	Local
	1	1	Sample	Soil, sandy	Local
	10	15	Each	Spray bottle	Local
	40	60	Each	Stakes	Local
	Various	Various	Assorted	Stones or rocks, small	Local
	42	60	Each	Straw	Local
	20	30	Each	Straw, cut into ½ inch pieces	Local
	Various	Various		Straw, rocks, and small ground cover – sedum or moss	Local
	1	1	Roll	String	Local
	7	10	Pieces	String, 100'+	Local
	10	15	Rolls	String, masonry or twine	Local
	1	2	Each	Stump or log with holes drilled (See Teacher Notes)	Local
	1	1	Package	Sunflower seeds	Local
	1	1	Each	Surface cleaner or sanitizer	Local
	1	1	Yard	Synthetic fiber	Local
	240	360	Each	Tab dividers with inserts	Local
	1	2	Each	Table surface area	Local
	10	15	Each	Tape measure, 100'	Local
	10	15	Each	Tape measure, metric	Local
	5	7	Rolls	Tape, clear packing	Local
	2	2	Roll	Tape, duct	Local
	5	8	Rolls	Tape, masking	Local
	10	15	Each	The Lorax, book	Local
	20	30	Each	Three-hole report cover	Local
	20	30	Each	Three-inch, three-ring binder	Local
	5	8	Each	Tongs, long-handled	Local
	5	8	Each	Tongs, short-handled	Local
	1	1	Box	Toothpick	Local
	10-20	10-20	Each	Travel brochures	Local
	7	10	Each	Tree identification guidebook	Local
	7	10	Each	Trowel	Local
	20	30	Pairs	Tweezers	Local
	Various	Various	Assorted	Twigs or branches	Local
	20	30	Each	Utility clamp	Local
	5	8	Liters	Vegetable compost, new	Local
	1	1	Bottle	Vinegar	Local
	7	10	Each	Water bottle	Local

	10	15	Each	Water-soluble marker, black	Local
	10	15	Each	Water-soluble marker, yellow	Local
	8	11	Gallons	Water, distilled	Local
	1	1	Each	Water, source	Local
	3	4	Quart	Water, tap	Local
	1	1	Bottle	White vinegar	Local
	10	15	Lbs.	Wild birdseed (must include sunflower seeds)	Local
	14	20	Each	Wooden stakes or marker flags	Local

Vernier

Need	Qty/ 20	Qty/ 30	Unit	Item Specifications	Vendor
	7	10	Each	GPS unit or LabQuest	Vernier
	10	15	Each	Graphical Analysis™ App or LabQuest	Vernier
	1	1	Bottle	Nitrate High Standard solution	Vernier
	1	1	Bottle	Nitrate Low Standard solution	Vernier
	10	15	Each	Vernier CO2 chamber	Vernier
	10	15	Each	Vernier CO2 gas sensor or Go Direct™ CO2 gas sensor	Vernier
	2	3	Each	Vernier colorimeter with cuvette or Go Direct™ colorimeter with cuvette	Vernier
	10	16	Each	Vernier conductivity sensor or Go Direct™ conductivity sensor	Vernier
	1	1	Pkg	Vernier cuvettes	Vernier
	10	15	Each	Vernier Go Link USB sensor interface (If using Go Direct™ sensors)	Vernier
	10	15	Each	Vernier light sensor or Go Direct™ light sensor	Vernier
	10	16	Each	Vernier nitrate ISE or Go Direct™ nitrate ISE	Vernier
	5	8	Each	Vernier O2 gas sensor or Go Direct™ O2 gas sensor	Vernier
	10	16	Each	Vernier optical dissolved oxygen sensor or Go Direct™ optical dissolved oxygen sensor	Vernier
	10	16	Each	Vernier pH sensor or Go Direct™ pH sensor	Vernier
	5	8	Each	Vernier soil moisture sensor or Go Direct™ soil moisture sensor	Vernier
	20	30	Each	Vernier temperature sensor	Vernier

				or Go Direct™ temperature sensor	
	2	3	Each	Vernier turbidity sensor with cuvette and included TRB-ACC standard	Vernier

Ward's

Need	Qty/ 20	Qty/ 30	Unit	Item Specifications	Vendor
	20	32	Each	3M™ Petrifilm® <i>E. coli</i> /Coliform count plates	Wards
	1	1	Each	Analytical balance	Wards
	5	8	Each	Beaker, 1000ml	Wards
	30	15	Each	Beaker, 100ml	Wards
	14	20	Each	Beaker, 250ml	Wards
	14	20	Each	Beaker, 400ml	Wards
	2	3	Each	Beaker, 50ml	Wards
	20	30	Each	Beaker, 600ml	Wards
	1	1	Each	Cheesecloth	Wards
	7	10	Each	Diameter tape	Wards
	5	8	Each	Dissecting scope or magnifying glass	Wards
	10	16	Each	Double hole stoppers	Wards
	1	1	Each	Drying oven (optional)	Wards
	5	8	Each	Electronic balance	Wards
	6	9	Each	Erlenmeyer flask, 50ml	Wards
	10	16	Each	Erlenmeyer flasks, 250ml	Wards
	4	6	Pairs	Gloves, heat resistant (optional)	Wards
	60	90	Pairs	Gloves, plastic	Wards
	20	30	Each	Graduated cylinder, 100ml	Wards
	10	15	Each	Graduated cylinder, 10ml	Wards
	2	3	Each	Hot plate (optional)	Wards
	1	1	Each	Incubator	Wards
	20	30	Each	Lab apron	Wards
	2	3	Pkg	Lens paper	Wards
	10	15	Each	Magnifying glass	Wards
	6	12	Each	Pipet, 1ml	Wards
	6	12	Each	Pipet, 3ml	Wards
	10	16	Each	Plastic tubing, flexible, 15" piece	Wards
	15	24	Each	Rigid plastic tubing, 3"	Wards
	5	8	Each	Rigid plastic tubing, 6"	Wards
	10	15	Each	Ring clamp, 4"	Wards
	20	30	Each	Ring stand	Wards
	7	10	Each	Ring stand, iron ring, clamp	Wards
	5	6	Each	Rinse bottle with distilled water	Wards
	6	9	Each	Rubber stopper for flask	Wards
	20	30	Pairs	Safety glasses	Wards
	5	8	Each	Syringe, 30ml	Wards
	5	8	Pairs	Tweezers	Wards
	20	30	Each	Utility clamp	Wards
	10	16	Each	Water dipper, long-handled	Wards
	10	16	Each	Water sampling jar	Wards
	15	23	Each	Weigh dish, 85 ml	Wards
	10	15	Each	Wide mouth bottles, 250ml	Wards