



Grades 6-8 • LIFE SCIENCE

Populations and Ecosystems

⚠ Cautionary warnings. Not intended for children under 3.

| ⚠ | Description | Item Number | Qty in Repl Pkg | Qty in Orig. Kit | Repl. Pkg Order Qty |
|---|---|-------------|-----------------|------------------|---------------------|
| Core Components | | | | | |
| (1) | Next Generation Complete Course | 1558462 | | | |
| (1) | Next Generation Lite Course | 1598545 | | | |
| (1) | Next Generation Permanent Equipment Only | 1598546 | | | |
| (1) | Refill Kit (consumable materials for 5 class uses) | 1558497 | | | |
| | Conversion Kit from Populations and Ecosystems, 1st Edition | 1558472 | | | |
| | FOSS Science Resources Student Book (each) | 1558518 | | | |
| † | FOSS Science Resources Student Book (pack of 16) | 1558510 | | | |
| Drawer 1—Permanent Equipment, unique items | | | | | |
| | Base, plastic, green | 024-9027 | 1 | 9 | |
| | Basin, clear plastic, 6 L | 023-2803 | 1 | 10 | |
| | Basin, cover plastic | 120-5710 | 1 | 10 | |
| (1) | Beads, brown | 024-8961 | 5 | 5 | |
| (1) | Beads, gray | 024-8972 | 20 | 20 | |
| (1) | Beads, black | 024-8983 | 100 | 100 | |
| (1) | Beads, red | 024-8994 | 100 | 100 | |
| (1) | Beads, dark green | 024-9016 | 1000 | 1000 | |
| (1) | Beads, light green | 024-9005 | 1000 | 1000 | |
| | Binder clips, medium | 024-9049 | 10 | 10 | |
| † (1) | Binder clips, small | 023-9414 | 20 | 20 | |
| † | Cards, Eco Sorting, student sets A+B set/32 | 1532973 | 1 set | 1 set | |
| † | Cards, Eco Sorting. Teacher, 8 sheets/set | 1532972 | 1 set | 1 set | |
| † | Cards, Ecoscenario organism, 10 sets of 20 | 1532976 | 1 set | 1 set | |
| † | Cards, Mono Lake Organism , 20 cards, 16/sets | 1533014 | 1 set | 1 set | |
| | Dowel, with slot at both ends | 021-8767-3 | 1 | 9 | |
| † | Index cards, canary | 088716 | 100 | 100 | |
| † | Index cards, green | 088718 | 100 | 100 | |
| | Index cards, cherry | 088717 | 100 | 100 | |
| † | Jar, plastic, 2 L with holes in lid | 100-0570 | 1 | 1 | |
| † | Marker flags | 1390291 | 1 | 9 | |
| (1) | Pebbles, large, 1 lb. | 1595427 | 1 | 1 | |
| (1) | Pebbles, small, 1 lb. | 1595433 | 1 | 1 | |
| † | Pipe cleaners, white | 160-9970 | 50 | 200 | |
| † | Rubber bands, #33 | 180-7541 | 50 | 50 | |
| † | Spoons, plastic, 5 mL | 192-3570 | 4 | 4 | |
| | Spoon, plastic, 1/4 tsp. | 190-4858 | 1 | 1 | |
| † | Thermometers | 201-4083 | 18 | 18 | |
| | Wire form metal, 9/pkg | 230-6571 | 9 | 9 | |
| Drawer 2—Permanent Equipment, common items | | | | | |
| | Container, plastic, 1/2 L | 030-6426-0 | 1 | 16 | |
| | Cup, clear plastic, 9 oz. | 031-0419 | 25 | 100 | |
| | Dip net, 3 inch | 140-0354 | 1 | 1 | |
| | Dropper, plastic | 040-3655 | 1 | 1 | |
| (1) | Gravel, 5 lb. | 077-9364 | 1 | 1 | |
| | Hand lenses | 130-9428 | 16 | 16 | |
| | Hole punch | 160-3777 | 1 | 1 | |
| | Lids, plastic for 9 oz. cups | 120-5731 | 10 | 40 | |
| (1) | Paperclips | 162-0135 | 100 | 100 | |
| (1) | Paperclips, jumbo | 084475 | 100 | 100 | |
| | Petri dish, with cover | 160-1566-0 | 1 | 20 | |
| † | Poster, FOSS Outdoor Safety | 1358828 | 1 | 1 | |

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| Drawer 2—Permanent Equipment, common items (continued) | | | | | |
| † | Poster, FOSS Science Safety MS 2nd Edition | 1391354 | 1 | 1 | |
| † | Poster, United States | 161-6053 | 1 | 1 | |
| | Posters, FOSS Sensemaking, set of 3 | 2013012 | 1 set | | |
| (1) | Push pins | 003351 | 100 | 100 | |
| | Rulers, clear plastic | 180-2228 | 1 | 16 | |
| | Sand, white, 2 lbs. | 190-0249 | 1 | 1 | |
| † | Sheet protectors | 1532809 | 20 | 20 | |
| | Spray mister | 190-5023 | 1 | 2 | |
| † | Syringes, 50 mL | 192-9315 | 8 | 8 | |
| (1) | Vials, 12 dram, with caps | 221-4123 | 20 | 20 | |
| | Zip bags, 1 L | 021-1353 | 25 | 50 | |
| Box 3—Consumable Equipment | | | | | |
| | Aluminum foil | 060-1050 | 1 | 1 | |
| † | Bags, black, fluted | 1532943 | 42 | 42 | |
| † | Bags, white, fluted | 1532949 | 42 | 42 | |
| | Chlorine remover | 030-9902 | 1 | 1 | |
| (1) | Fish food, flake | 060-0500 | 1 | 1 | |
| | Netting | 140-1399 | 1 | 1 | |
| | Paper towel sheets | 230-3564 | 10 | 10 | |
| | Polyester wool | 162-2535 | 1 | 1 | |
| | Rubber bands # 14 | 180-4450 | 100 | 100 | |
| (1) | Seeds, alfalfa | 2012960 | 1 | 1 | |
| (1) | Seeds, rye grass | 2012957 | 1 | 1 | |
| (1) | Seeds, sunflower, raw | 193-1290 | 1 | 1 | |
| (1) | Seeds, wheat | 2012958 | 1 | 1 | |
| † | Soil, potting, 4 lb. | 191-3559 | 1 | 3 | |
| † | Straws, jumbo | 190-6497 | 50 | 50 | |
| † | Straws, super jumbo | 192-4251 | 50 | 50 | |
| | Zip bags | 024-9747 | 20 | 20 | |
| *Living Materials (not included in the kit) | | | | | |
| | Live Organism Card: Milkweed bugs | 270-4380 | 30 | | |
| | Live Organism Card: redworms | 1450925 | 150 | | |
| | Set of 8 Live Organism Coupons for Populations and Ecosystems | 270-4379 | set of 8 | | |
| | The set includes the eight coupons listed below, also available separately | | | | |
| | Live Organism Card: duckweed, 2 oz. | 270-1930 | 1 | | |
| | Live Organism Card: elodea pieces | 270-4372 | 16 | | |
| | Live Organism Card: earthworms | 270-0224 | 50 | | |
| | Live Organism Card: scuds (gammarus) | Not available separately | | | |
| | Live Organism Card: guppies | 270-0367 | 10 | | |
| | Live Organism Card: isopods | 270-1710 | 50 | | |
| | Live Organism Card: snails, pond | 270-1896 | 25 | | |
| | Live Organism Card: worms, tubifex, 1/2 oz. | 270-3172 | 1 | | |
| Teacher-Supplied Items | | | | | |
| | Calculator | 1471190 | 1 | | |
| | Chart paper | 030-3478 | 4 | | |
| | Coat hanger | 080-0095 | 1 | | |
| | Composition notebook | 026029 | 1 | | |
| | Construction paper | 160-9442 | 50 | | |
| | Eraser, whiteboard | 084465 | 1 | | |

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| Teacher-Supplied Items (continued) | | | | | |
| | File folders | 060-5285 | 10 | | |
| | Fork, metal | 060-2909 | 1 | | |
| | Glue stick | 070-2272 | 1 | | |
| | Goggles, plastic safety, adult size | 190-0029 | 1 | | |
| | Marking pen, dry-erase, assorted | 1593097 | 8 | | |
| | Marking pen, dry-erase, black | 1593100 | 12 | | |
| | Marking pen, permanent | 077399 | 12 | | |
| | Meterstick | 081901 | 1 | | |
| | Meter tapes | 200-9743 | 1 | | |
| | Paper, drawing, 8 1/2" x 11" | 160-0730 | 30 | | |
| | Paper towels | 200-1966 | 1 roll | | |
| | Pencils, colored | 160-1456 | 12 | | |
| | Pitcher | 160-2413 | 1 | | |
| | Rulers | 180-2305 | 4 | | |
| | Scissors | 084837 | 1 | | |
| | Self-stick notes | 120-2475 | 100 | | |
| | Soil, potting | 191-3559 | 4 lb | | |
| | String | 191-4582 | 1 | | |
| | Tape, masking | 200-0371 | 1 | | |
| | Tape, transparent | 040488 | 1 | | |
| | Timers | 193-6843 | 12 | | |

† This item is included in the Conversion Kit from FOSS® Populations and Ecosystems First Edition.

•Living Material shipments incur an additional fee of \$12.50 for 1-3 items, \$22.00 for 4-5 items, or \$30.00 for 6+ items.
The shipment of certain living materials is restricted by law in a number of states.