



Grade 2 Replacement Parts List

Grade-Level Kit

⚠ Cautionary warnings. Not intended for children under 3

⚠	Description	Item Number	Qty in Repl Pkg	Qty in Orig. Kit	Repl. Pkg Order Qty
Refill Kits (consumable materials for 3 class uses)					
(1)	Insects and Plants Refill Kit	1508800			
(1)	Pebbles, Sand, and Silt Refill Kit	1509200			
(1)	Solids and Liquids Refill Kit	1507166			
Consumable Equipment					
	Aluminum foil	010-1397	1	2	
	Clay, potter's clay	031-9440	1	1	
	Clay, powdered, bag	032-3168	1	1	
(1)	Cotton balls	030-7262	100	100	
	Cotton swabs	030-7295	100	100	
	Cups, paper, 150 mL (5 oz.)	031-8010	100	300	
	Food coloring, 4 colors/set	060-1325	1	1	
	Labels, removable	120-1606-0	840	840	
(1)	Mints, hard	031-7987	30	30	
	Netting pieces, 10 x 10 cm (4" x 4")	1379548	20	40	
(1)	Pinto beans	2012385	1	1	
	Pipe cleaners, brown	160-5790	1	50	
	Plant fertilizer, liquid, bottle, 118 mL (4 oz.)	161-7670	1	1	
	Rice, container	2012386	1	1	
	Rock salt	2006429	1	1	
(1)	Rubber bands, #14	180-4450	100	200	
	Sand, clean, bags	190-0337	1	5	
(1)	Seeds, Brassica rapa, 200/pkg	191-7156	1	1	
(1)	Seeds, marigolds, 155/pkg	190-1338	1	1	
(1)	Seeds, sunflower, 200/ pkg	193-6614	1	1	
	Self-stick notes	120-2475	100	600	
	Soil, potting	191-3559	1	1	
	Straws, jumbo	190-6497	50	150	
	Straws, superjumbo	191-4604	50	100	
	Toothpaste	200-6905	1	1	
(1)	Vials, 12 dram, with caps	220-0824	1	16	
	Zip bags, 1 L	021-1353	25	100	
	Zip bags, 4 L	021-3740	1	50	
Permanent Equipment					
	Aluminum mini loaf pans	131-6834	1	16	
	Basins, 6 L, clear plastic	023-2803	1	2	
	Basins, 8 L	040-0564	1	8	
	Beakers, plastic, Tri-Pour, 50 mL	021-6358	1	8	
	Bottle brush	021-6303	1	1	
(1)	Bottles, plastic, with caps, 120 mL (4 oz.)	021-6380	7	77	
	Bus trays	200-6894	1	5	
	Butterfly cage	1430642	1	1	
	Butterfly cage vial holder	023-3133	1	1	
	Card decks, Go Fish, 24 cards/set	1389323	5	5	
	Card decks, Memory, 12 cards/set	1389322	5	5	
	Cardboard pieces, 23 x 30 cm (9" x 12")	1429633	8	8	
	Cardboard pieces, 7.5 cm (3") square	032-6919	100	200	
	Cards, Sources of Water, 18/set	1360936	1	8	
	Class calendars	160-9530	1	3	
	Cloth pieces, 10 cm (4") square	031-8603	40	40	
	Construction paper sheets, black	161-7626	36	36	

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	Container lids	120-1970	5	5	
	Containers, plastic, 1 L	032-8822	1	8	
	Containers, plastic, 1/2 L	030-6426-0	1	20	
	Containers, plastic, 1/4 L	030-6514-1	1	80	
	Cornmeal	2012383	1	1	
	Craft sticks	2013264	50	250	
	Cup lids, plastic	120-4675	36	36	
	Cups, plastic planter, with 2 holes, 90 mL (3 oz.)	034-2733	50	50	
	Cups, plastic, 250 mL (9 oz.)	031-9868	1	50	
	Droppers	040-6837	16	16	
	Felt pieces, black, 12 x 15 cm (4.75" x 6")	1429640	16	16	
	Funnels, clear, plastic	060-3349	1	5	
(1)	Gravel, bag	070-7057	1	1	
	Hand lenses	130-0584	1	32	
	Hole punch	160-3777	1	1	
	Lamp bulbs, fluorescent, cool, 45 cm (18")	021-8350	1	2	
	Lamp fixture for 2 bulbs, with chains	120-3960	1	1	
	Lamp frame made from PVC pipe, 20 pieces	120-3993	1	1	
(1)	Lima beans	2012382	1	1	
	Loupes/magnifying lenses	130-6359	1	2	
	Marker flags	1390291	1	16	
	Material samples, ceramic (rectangle)	1325067	40	40	
	Material samples, fabric (rectangle)	1325056	40	40	
	Material samples, leather (rectangle)	1325050	40	40	
	Material samples, metal (rectangle)	1325051	40	40	
	Material samples, paper (rectangle)	1325049	40	40	
	Material samples, plastic (rectangle)	1325052	40	40	
	Material samples, rubber (rectangle)	1325054	40	40	
	Material samples, wood (rectangle)	1325053	40	40	
	Meter tapes	200-9743	1	4	
(1)	Mung beans	2012384	1	1	
	Paintbrushes	020-5534	1	2	
	Paper plates, white	160-2798	35	105	
(1)	Pebbles, large	1595428	1	1	
(1)	Pebbles, small	1595434	1	1	
	Pitcher	160-2413	1	1	
	Plastic bags, fluted	021-8778	24	24	
	Pocket Naturalist Guide, Bugs & Slugs	1429599	1	1	
	Pocket Naturalist Guide, Butterflies & Pollinators	1429609	1	1	
	Poster, FOSS Outdoor Safety	1358828	1	1	
	Poster, FOSS Science Safety	1358827	1	1	
	Poster, Natural Sources of Water	1358826	1	1	
	Poster, set, liquid-properties, 6/set	1361881	1	1	
	Posters, FOSS Conservation, set of 4	1443969	1	1	
	Posters, insect life cycles, 14/set	1429990	1	1	
(1)	Pushpins	003351	100	100	
(1)	Rocks, basalt, dark gray	180-4615	72	72	
(1)	Rocks, granite, pink	180-3251	5	20	
(1)	Rocks, scoria, reddish	180-4637	72	72	
(1)	Rocks, tuff, yellowish	180-4648	72	72	
(1)	Rubber bands, #14	180-4450	100	100	

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	Sand, unwashed, with silt	192-0775	1	1	
	Sandpaper sheets, coarse, #50	192-3712	5	5	
	Sandpaper sheets, fine, #150	192-3701	5	5	
	Sandpaper sheets, medium, #80	190-0381	5	5	
	Scoops, 25 mL	192-3657	6	6	
	Screen sets, 3 mesh sizes/set	191-6012	1	16	
	Screen transparencies, 2 sets/sheet	200-6872	1	16	
(1)	Screws, metal	191-6265	40	40	
	Spoons, metal	192-3602	8	16	
	Spoons, plastic	192-8802	36	36	
	Straws, jumbo	190-6497	50	400	
	Straws, superjumbo	192-4251	50	400	
	Thermometer, Celsius	201-1327	1	1	
	Tray, planter	1012342	1	1	
	Triangles, plastic	200-7070	40	40	
(1)	Tubes, clear plastic, 5 cm (2")	200-6960	40	80	
(1)	Twist ties	200-1537	50	150	
	Vial holders	222-0195	1	8	
(1)	Vials, 12 dram, with caps	221-4134	36	72	
(1)	Vials, 7 dram with caps	220-0439	10	20	
	Whisk broom and dustpan set	040-3589	1	1	
(1)	Wires, insulated, 13 cm (5")	230-3344	40	80	
	Wood cylinders	040-3380	40	80	
	Yarn, blue	250-0332	1	1	
	Zip bags, 1 L	021-1353	25	200	
	Zip bags, 4 L	021-1331	20	80	
Living Materials*					
	Live Organism Coupons—set of 4 (consists of the following, which may be purchased separately)	1459532	1		
	–Live Organism Coupon, 200 mealworms	270-4085	1		
	–Live Organism Coupon, 75 milkweed eggs	270-4107	1		
	–Live Organism Coupon, 50 silkworm eggs	270-4118	1		
	–Live Organism Coupon, 5 painted lady larvae	270-4129	1		
Teacher-Supplied Items					
	Bag, paper, large	020-0067	1		
(1)	Bag, plastic, grocery-type	1284605	1		
	Block, wood, 1 1/2" x 1 1/2" x 1/2"	021-1782	1		
(1)	Bottle, 2 L	020-5017	1		
	Bottle, plastic, 16 oz	1366375	1		
	Box, clear plastic, with lid	020-5325	1		
	Box, corrugated, medium	009-5094	1		
	Brick	022-9965	1		
	Bucket, (5 qt.) with lid	009-1893	1		
	Chart paper	030-3478	4		
	Container, with lid, 1L	031-9000	1		
	Cooking oil	150-1563	16 oz.		
	Corn syrup	033-9733	16 oz.		
	Cornstarch	030-7218	1		
	Crayons	030-7526	8		
	Detergent, liquid dawn, 12-15 oz.	040-2148	1		
	Dustpan, mini	040-3589	1		

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	Egg carton	031-3741	1		
	Glue, white, 4 oz.	008970	1		
	Graph paper, 1/4" squares	161-0520	50		
	Jar, plastic, with lid, 1 L	100-0097	1		
	Marking pen, permanent, black	077399	12		
	Mixing spoon	191-5407	1		
	Paint brushes	05-1038	8		
	Paper clips, jumbo	084475	100		
	Paper towels, roll	200-1966	1		
	Paper, construction, assorted	160-9442	50		
	Paper, drawing, 8 1/2" x 11"	160-0730	30		
	Paper, newsprint, 24" x 36"	161-2929	2		
	Paper, white, 11" x 17"	160-0994	24		
	Pencils with erasers	161-0014	16		
	Pencils, colored	160-1456	12		
	Pens, overhead	1371749	8		
	Pitcher	160-2413	1		
	Ruler, plastic, 12" (30 cm)	180-2305	4		
	Sandstone, layered, 3/4" - 1"	180-3603	18		
	Saucepan	160-0345	1		
	Scissors, student	191-7101	1		
	Soap, liquid hand	191-5385	7 oz.		
	Soil, clay	191-7520	1 kg		
	Soil, potting	191-3559	4 lb		
	Spoon, plastic, slotted, 11"	192-1083	1		
	Starch, liquid	191-7190	1 qt.		
	String	191-1469	1		
	Tape, transparent	040488	1		
	Trowel	1386539	1		
	Yarn, red, skein	250-0190	1		
	Zip bag, 4 L	260-0190	10		
Teacher-Prepared Items					
	Aluminum foil, assorted sizes (32 pcs 8"x12" & 6 pcs 4"x4")	010-6760	1 pkg.		
	Cardboard pieces	032-6919	100		
	Construction paper, white and black, 6" x 9"	162-5710	64		
(1)	Dry soup mix, 15-bean	191-7024	1 cont.		
	Paper towels, 4"x4"	1267857	10		
	Sandpaper, coarse, 3" x 3 5/8"	193-7127	45		
	Sandpaper, fine, 3" x 3 5/8"	193-7149	45		
	Sandpaper, medium, 3" x 3 5/8"	193-7138	45		
	Straws, jumbo, halved	1491723	24		
	Yarn, red, 24"	250-0738	32		

* Live Organism Coupons and Teacher-Supplied and Teacher-Prepared items are not included in the kit; they must be purchased separately.

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