



# Grade 5 • LIFE SCIENCE

# Living Systems

**⚠** Cautionary warnings. Not intended for children under 3

<b>⚠</b>	Description	Item Number	Qty in Repl Pkg	Qty in Orig. Kit	Repl. Pkg Order Qty
<b>Core Components</b>					
(1)	Complete Module—Print Bundle	1487665			
(1)	Complete Module—Digital Bundle	1537232			
(1)	Refill Kit (consumable materials for 3 class uses)	1531644			
(1)	Conversion Kit from Living Systems, 3rd Edition	1532069			
(1)	Conversion Kit from Living Systems, 2nd Edition	1532068			
	FOSS Science Resources Student Book (each)	1487710			
†‡	FOSS Science Resources Student Book (pack of 16)	1487620			
<b>Consumable Equipment</b>					
†	Index cards	088708	100	100	
†‡ (1)	Lung volume bag mouthpieces	1531189	50	100	
†‡	Lung volume bags	1531431	60	60	
†‡ (1)	Seeds, wheat	2012958	1	9	
†‡	Self-stick notes	120-2475	100	300	
†	Straws, jumbo	190-6497	50	100	
†‡	Yeast, bakers, dry	250-0596	1	3	
‡	Zip bags, 1 L	021-1353	25	75	
<b>Permanent Equipment</b>					
†	Bags, black, plastic, 30 cm (12") long	020-0144-0	1	36	
†	Bags, clear, plastic, 30 cm (12") long	97-0062	1	16	
†	Bags, clear, plastic, 36 x 51 cm (14" x 20")	024-5416	1	12	
†	Basin	040-0564	1	8	
†	Beaker, 100 mL	020-9218	1	8	
†‡ (1)	Binder clips	024-8481	36	36	
†	Bottle brush	021-6303	1	1	
† (1)	Bottles, plastic, clear, 237 mL (8 oz.)	021-8558	1	16	
†	Butterfly cage	1430642	1	1	
†	Butterfly cage vial holder	023-3133	1	1	
	Container lids, for 1/2 L containers	120-1970	5	5	
	Containers, 1 L	032-8822	1	8	
†	Containers, plastic, 1/2 L	030-6426-0	1	36	
†	Cup lids with hole	120-2486	1	20	
†	Cups with hole, plastic	031-4654	1	20	
	Cups, plastic, 250 mL (9 oz.)	031-9868	1	10	
†	Cups, plastic, 500 mL (16 oz.)	031-4577	1	16	
†	Dowels	040-6062	18	18	
†	Food-web cards, Monterey Bay, set of 12	1531428	8	8	
†	Food-web cards, Woods Ecosystem, set of 20	1514860	8	8	
†	Graduated cylinders	070-8066	8	8	
	Hand lenses	130-0562	1	16	
†	Jars, plastic, with screw lid with holes	100-0570	1	8	
†‡	Marking pens, permanent	162-0768	8	8	
†	Meter tapes	200-9743	1	8	
†	Pipes, rigid, long, 15 cm (6")	160-9618	18	18	
†	Pipes, rigid, short, 7.5 cm (3")	160-9629	18	18	
†	Poster, Circulatory and Respiratory System	1489959	1	1	
†	Poster, FOSS Outdoor Safety	1358828	1	1	



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<b>Permanent Equipment (continued)</b>					
†	Poster, FOSS Science Safety	1358827	1	1	
†	Poster, The Heart	1489957	1	1	
†‡	Posters, FOSS Conservation, set of 4	1443969	1	1	
	Posters, FOSS Sensemaking, set of 3	2013012	1		
†	Posters, Leaf Venation, set of 3	1453887	1	1	
†	Rubber bands, #33	180-7541	50	50	
†	Rubber stoppers, with 2 holes, #2	1451040	16	16	
†	Spoons, 5 mL	191-1106	1	8	
†	Spray mister	190-5023	1	1	
†	String	191-4582	1	1	
	Syringes, 50 mL	190-9731	1	8	
†‡	Teacher sample lung volume bag	020-0200-0	1	1	
†	Thermometers, Celsius	201-1327	1	8	
†	Tubing pieces, flexible, 45 cm (18")	201-8966	10	40	
† (1)	Valves, one-way	1450703	8	32	
(1)	Vials, 12 dram, with caps	220-0824	1	3	
	Volume tubes	220-1275	1	4	
†	Zip bags, 4 L	024-9747	20	20	
<b>•Living Materials*</b>					
	–Live Organism Coupons–set of 2 (consists of the following, which may be purchased separately)	1459534	1		
	–Live Organism Coupon, 5 painted lady larvae	270-4129	1		
	–Live Organism Coupon, 150 redworms	1450925	1		
<b>Teacher-Supplied Items</b>					
	Bag, plastic, grocery-type	1284605	1		
	Bleach	020-2443	1		
(1)	Bottle, 2 L	020-5017	1		
	Chart paper	030-3478	4		
	Construction paper, orange	160-0664	15		
	Detergent, liquid dawn, 10-15 oz.	040-2148	1		
	Flour	060-4141	1		
	Glue stick	070-2272	1		
	Hole punch	160-3777	1		
	Masking tape	200-0393	1		
	Measuring spoon	190-4858	1		
	Paper, drawing, 8 1/2" x 11"	160-0730	30		
	Paper, newsprint, 24" x 36"	161-2929	2		
	Paper towels, 2-ply	200-1966	1		
	Pen, permanent marker, black	077399	12		
	Pencils, colored	160-1456	12		
	Pencils with erasers	161-0014	16		
	Scissors, student	084837	1		



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<b>Teacher-Supplied Items (continued)</b>					
	Self-stick notes, (3" x 3")	120-5478	100		
	Soil, potting	191-3559	1		
	Sugar, granular	1372343	1		
	Tape, transparent	040488	1		
<b>Teacher-Prepared Items</b>					
	Paper towel strips, 2.5 cm x 9 cm	1492259	24		

The Complete Module—Print Bundle consists of: module equipment, one Teacher Toolkit (print), and 32 Science Resources (student textbooks).	
The Complete Module—Digital Bundle consists of: module equipment, and 7 year license to all module resources digitally on FOSSweb on ThinkLink.	
▪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.	
The complete module and refill kit are supplied with enough consumable materials for at least 3 class uses before resupply is required.	
†	This item is included in the Conversion Kit from FOSS® <i>Living Systems</i> , 2nd Edition.
‡	This item is included in the Conversion Kit from FOSS® <i>Living Systems</i> , 3rd Edition.