



Grade 5 • PHYSICAL SCIENCE

Mixtures and Solutions

⚠ 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					
(1,5,7)	Complete Module—Print Bundle	1487666			
(1,5,7)	Complete Module—Digital Bundle	1537300			
(1)	Refill Kit (consumable materials for 3 class uses)	1526690			
(1,5,7)	Conversion Kit from Mixtures and Solutions, 3rd Edition	1526987			
(1,5,7)	Conversion Kit from Mixtures and Solutions, 2nd Edition	1526983			
	FOSS Science Resources Student Book (each)	1487711			
†‡	FOSS Science Resources Student Book (pack of 16)	1487621			
Consumable Equipment					
	Baking soda	021-1200	1	2	
	Calcium chloride	031-2608	1	2	
†‡	Candles, birthday, dripless	030-0475	1	1	
	Citric acid	031-2212	1	5	
	Diatomaceous earth	040-2236	1	2	
†‡	Epsom salts	050-1159	1	5	
†‡	Filter papers, round	160-4844	50	300	
†	Food coloring, 4 colors/set	060-1325	1	1	
†‡	Salt, kosher	192-5890	1	3	
	Salt, kosher, container	191-1117	1	2	
	Self-stick notes	120-2475	100	500	
†	Straws, jumbo	190-6497	50	50	
	Zip bags, strong, 1 L	025-2430	25	50	
Permanent Equipment					
	FOSS Balances	020-9163	1	8	
†	Bases, plastic, straw holder	024-8776	8	16	
	Basins	040-0564	1	8	
†‡	Beaker, 100 mL	020-9218	1	1	
	Beaker, 1 L	020-9207	1	1	
†‡	Black boxes	025-2398	18	36	
(1)	Bottles, plastic, with caps, 120 mL	024-2820	17	17	
†	Calcium carbonate	034-1031	1	1	
	Containers, 1/2 L	030-6426-0	1	16	
	Containers, 1 L	032-8822	1	8	
†	Craft sticks	2013264	50	200	
†‡	Cup lids	120-5731	10	10	
	Cups, plastic, 250 mL	031-9868	1	50	
†‡	Dots, adhesive, blue	040-4910	35	35	
†‡	Drought stopper cardboard box	021-1419	1	1	
†‡	Drought stopper container	040-2291	1	1	
†‡	Drought stopper funnel	060-2436	1	1	
†‡	Drought stopper tube, 15 cm	200-5035	1	1	
†‡	Drought stopper tube, 30 cm	200-5024	1	1	
	Evaporation dishes	050-0708	10	40	
	FOSS Funnels with three legs	060-2887	1	8	
†	Graduated cylinders, 50 mL	070-2085	1	8	



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	Description	Item Number	Qty in Repl Pkg	Qty in Orig. Kit	Repl. Pkg Order Qty
Permanent Equipment (continued)					
	Gravel	1595692	1	2	
†	Hand lenses	130-0562	1	16	
†	Hole punch	160-3777	1	1	
†	Magnetite package (ilmenite)	180-7772	1	1	
† (7)	Magnets	131-2983	8	8	
†‡ (5)	Marbles	130-9285	40	40	
† (1)	Mass sets, 33 pieces	1391971	1	8	
†‡ (1)	Pebbles, small	1599854	1	1	
†	Pipettes, plastic, thin, beral-type	160-6428	1	50	
	Pitchers	160-2413	1	2	
†	Poster, FOSS Outdoor Safety	1358828	1	1	
†	Poster, FOSS Science Safety	1358827	1	1	
†‡	Posters, FOSS Conservation, set of 4	1443969	1	1	
	Posters, FOSS Sensemaking, set of 3	2013012	1		
†‡	Rectangles, foam	181-2230	54	54	
	Screens	191-1172	8	8	
	Spoons, measuring, set of 5	190-4924	1	1	
	Spoons, 5 mL	191-1106	1	8	
	Syringes, 50 mL	190-9731	1	8	
†‡	Tape, electrical	200-0283	1	1	
†‡	Thermometers, Celsius	201-1327	1	8	
†‡ (1)	Toothpicks	200-1746	750	750	
	FOSS Trays, plastic	200-5080	1	4	
†‡	Triangles, foam	201-9031	50	50	
† (1)	Vials, 12 dram, with caps	220-0824	1	50	
Teacher-Supplied Items					
	Bag, plastic, grocery-type	1284605	1		
	Bottle, plastic, 16 oz.	1366375	1		
(1)	Bottle, 2 L	020-5017	1		
(1)	Bottle, 1 L	1307092	1		
	Bucket, (5 qt.) with lid	009-1893	1		
	Chart paper	030-3478	4		
	Crayons	030-7526	8		
	Cups, waxed paper, 3 oz.	031-3686	1		
	Drink mix, sweetened (powder)	110-1100	1		
	Glue stick	070-2272	1		
	Goggles, plastic safety, child size	190-0030	1		
	Paper, drawing, 8 1/2" x 11"	160-0730	30		
	Paper towels, 2-ply	200-1966	1		
	Pen, permanent black marker	077399	12		
	Pencils, colored	160-1456	12		
	Pencils with erasers	161-0014	16		

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Teacher-Supplied Items (continued)					
	Scissors, student	084837	1		
	Self-stick notes, 3" x 3"	120-5478	1		
	Spoon, plastic, slotted, 11"	192-1083	1		
	Tape, masking	200-0371	1		
	Tape, transparent	040488	1		
	Vinegar, white	220-0615	1		
Teacher-Prepared Items					
(6)	Black boxes, prepared	025-5092	16		
	Straws, jumbo, halved	1491723	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.

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® *Mixtures and Solutions*, 2nd Edition.

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