



Grade 4 • EARTH SCIENCE

Soils, Rocks, and Landforms

⚠ 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)	Complete Module—Print Bundle	1487664			
(1)	Complete Module—Digital Bundle	1529843			
(1)	Refill Kit (consumable materials for 3 class uses)	1515871			
(1)	Conversion Kit from Soils, Rocks, and Landforms, 3rd Edition	1516496			
(1)	Conversion Kit from Earth Materials, 2nd Edition	1516495			
	FOSS Science Resources Student Book (each)	1487709			
†‡	FOSS Science Resources Student Book (pack of 16)	1487619			
Consumable Equipment					
†‡	Clay, ceramic	031-9440	1	1	
†	Clay, powdered, gray	032-3168	1	1	
†	Cotton swabs	030-7295	100	100	
†‡	Cups, paper, 3 oz.	031-3686	1	100	
†	Food coloring, 4 colors/set	060-1325	1	1	
† (1)	Gravel	070-7057	1	1	
† (1)	Pebbles, small	1595433	1	2	
†‡	Sand, mountain stream	1595429	1	1	
†	Self-stick notes	120-2475	100	500	
†	Soil, potting	191-3559	1	1	
Permanent Equipment					
†	Basins	040-0564	1	8	
†	Beaker, 100 mL	030-6448	1	1	
†	Cards, Rapid Changes, 16 cards/set	1358831	1	2	
†	Clay, powdered, (for stream table)	030-4920	1	3	
	Containers, 1/2 L	030-6426-0	1	9	
†	Containers, with lids, 1 L	030-6767	4	8	
†	Cups, plastic, 250 mL (9 oz.)	031-9868	1	50	
†	Evaporation dishes	120-9956	32	64	
†‡	Foam-mountain sets with dowel	191-1491	1	8	
†	Jars, plastic, with lids, 1/2 L	100-0450	1	8	
†‡	Map, Mount Shasta	130-4324	1	8	
	Meter tapes	200-9743	1	8	
(1)	Minerals, calcite, large	180-2987	5	5	
†	Paper plates	1364369	9	100	
†	Pitcher	160-2413	1	1	
†‡	Poster, Mount Shasta	160-5669	1	1	
†‡	Poster, Mount St. Helens	1515860	1	1	
†	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		
(1)	Rocks, basalt, small	180-5660	10	10	
† (1)	Rocks, conglomerate	1411638	40	40	
† (1)	Rocks, granite, gray	077-8928	40	40	
(1)	Rocks, limestone, small	1411645	30	30	
(1)	Rocks, marble, small	180-1095	5	10	
‡ (1)	Rocks, sandstone, banded	586627	10	20	
(1)	Rocks, sandstone, gray	180-1216	5	10	
†	Rulers, 30 cm	181-0233	8	8	
†	Sand, fine, (for stream table)	1595431	1	9	
†‡ (1)	Shells	1515405	50	50	

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Permanent Equipment (continued)					
†	Spoons, metal	200-0668	1	10	
†	Stream tables (tray, plastic)	1412098	1	8	
	Syringes, 50 mL	190-9731	1	8	
†	Tape, duct	200-0261	1	1	
†‡	Transparencies, Mount Shasta, set of 8	1515861	1	1	
	FOSS Trays, clear plastic	200-5080	1	8	
†	Trowel	1386539	1	1	
†	Vial holder	222-0195	1	1	
(1)	Vials, 12 dram, with caps	220-0824	1	40	
†	Water sources, flood, 1/2 L	230-2365	8	8	
†	Water sources, standard, 1/2 L	230-2376	8	8	
†	Wood angles	010-2530	1	16	
	Zip bags, 1 L	021-1353	25	25	
Teacher-Supplied Items					
(1)	Bag, plastic, grocery-type	1284605	1		
(1)	Bottle, 2 L	020-5017	1		
	Bucket, (5 qt.) with lid	009-1893	1		
	Cardboard box (4"x4"x4")	020-5182	1		
	Chart paper	030-3478	4		
	Dustpan, mini	040-3589	1		
	Goggles, safety, child size	190-0030	1		
	Index cards	088708	100		
	Marker, permanent, assorted colors	002133	8		
	Marking pen, permanent, black	077399	12		
	Marking pen, wet-erase	1371749	8		
	Paper, newsprint, 24" x 36"	161-2929	2		
	Paper towels, roll	200-1966	1		
	Pencils, colored	160-1456	12		
	Pencils with erasers	161-0014	16		
	Plaster of Paris	161-4942	1		
	Rubber gloves	181-1215	100		
	String	191-1469	1		
	Tape, transparent	040488	1		
	Vinegar, white	220-0615	1		
	Zip bags, 4 L	021-5005	10		
Teacher-Prepared Items					
	Plaster of Paris	160-2589	1		

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® *Earth Materials*, 2nd Edition.

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