



Grade 5 • EARTH SCIENCE

Earth and Sun

⚠ 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					
(1,3,4)	Complete Module—Print Bundle	1530365			
(1,3,4)	Complete Module—Digital Bundle	1537223			
	Refill Kit (consumable materials for 3 class uses)	1530522			
(1,3,4)	Conversion Kit from Weather on Earth, 3rd Edition	1530536			
(1,3,4)	Conversion Kit from Water Planet, 2nd Edition	1530533			
	FOSS Science Resources Student Book (each)	1487713			
†‡	FOSS Science Resources Student Book (pack of 16)	1487624			
Consumable Equipment					
†‡	Chalk, sidewalk, yellow	033-8937	16	16	
	Food coloring, 4 colors/set	060-1325	1	1	
†	Index cards	088708	100	100	
	Rock salt	2006429	1	2	
	Self-stick notes	120-2475	100	100	
Permanent Equipment					
†‡	AA cells	022-8073	1	36	
†‡	AAA cells	021-0704	1	4	
	FOSS Balance	020-9163	1	1	
‡ (3)	Ball, plastic	1510440	2	1	
†‡ (3)	Balls, white, polystyrene	025-8147	20	20	
	Beaker, 1 L	020-9207	1	1	
(1)	Binder clips	024-8481	36	36	
	Cardboard sheets	031-4621	1	16	
†	Compass on base (for wind vane)	034-1686	1	1	
†‡	Compasses	031-4632	1	16	
†	Containers, 1 L	032-8822	1	8	
	Containers, plastic, 1/2 L	030-6426-0	1	8	
†	Containers, plastic, black, 1/4 L	1470984	1	10	
	Containers, plastic, clear, 1/4 L	030-6514-1	1	20	
†	Containers, plastic, white, 1/4 L	1470985	1	10	
	Craft sticks	161-8270	25	25	
†	Cups, plastic, large, 500 mL (16 oz.)	031-4577	1	16	
	Cups, plastic, small, 250 mL (9 oz.)	031-9868	1	50	
†‡	Cut-and-stick Moon sets	1015596	7	7	
(1)	Dice	040-0366-0	1	16	
	Dispensing bottle	021-3971	1	1	
†‡	Earth globes, 12 cm diameter	070-2052	1	8	
†‡	Flashlights	060-5549	1	16	
	Globe, inflatable	070-2570	1	1	
†‡ (1)	Golf tees	201-1283	20	20	
	Graduated cylinders, 50 mL	070-2085	1	2	
(1)	Gram pieces	032-9130	100	100	
†	Hole punch	160-3777	1	1	
†	Lamp, clip-on, without shade	120-9781	1	1	
	Lids, plastic, dome	120-2453	1	12	
†	Lids, with slits, for black and white containers	1470988	1	10	



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Permanent Equipment (continued)					
	Lids, with slits, for clear containers	120-2497	10	20	
†	Lightbulb	120-2332	1	1	
†‡ (1)	Marking pen, dry-erase	1450668	1	1	
(1)	Marking pen, permanent	077399	12	1	
†‡	Meter tapes	200-9743	1	16	
(1,4)	Object set: 2 beads and 2 corks	150-0729	1	1	
	Pipettes	160-6428	1	25	
	Pitchers	160-2413	1	2	
†‡	Poster set, Moon Phases, set of 4	162-7400	1	1	
†	Poster, Earth's Atmosphere	1412077	1	1	
†	Poster, Earth's Water	1414124	1	1	
†	Poster, FOSS Outdoor Safety	1358828	1	1	
†	Poster, FOSS Science Safety	1358827	1	1	
†	Poster, The 1st 30 km of the Atmosphere	1412078	1	1	
†	Poster, Water Cycle	1361885	1	1	
†‡	Posters, FOSS Conservation, set of 4	1443969	1	1	
	Posters, FOSS Sensemaking, set of 3	2013012	1		
†‡	Posters, Moon Calendar	1408349	1	2	
†‡	Protractors	161-0839	1	16	
	Soil, potting	191-3559	1	1	
‡	FOSS Solar System Cards	034-2668	1	16	
†	Spoons, 5 mL	191-1106	1	2	
(1)	Stoppers, rubber, #4, 1-hole	190-6233	1	2	
†	Straws, jumbo	190-6497	50	50	
†‡	Straws, short, slim	192-3690	50	50	
†	Straws, superjumbo	1445229	25	25	
	Straws, superjumbo (for windvane)	1306531	25	25	
‡	String	193-8709	1	1	
	Syringe, 30 mL	190-7290	1	36	
	Syringes, 50 mL	190-9731	1	8	
	Tape, transparent	040488	1	2	
†	Thermometers, Celsius	201-1327	1	36	
	Tubes, flexible	1397785	40	40	
(1)	Vials, 12 dram, with caps	220-0824	1	20	
†‡	Weather station, digital	1461077	1	1	
†‡	Zip bags, 1 L	021-1353	25	25	
†‡	Zip bags, 4 L	021-5005	10	10	
	Zip bags, 7 X 12 cm	025-7765	20	20	
Teacher-Supplied Items					
	Bag, plastic, grocery-type	1284605	1		
	Bottle, plastic, 16 oz.	1366375	1		
	Calculator	084085	1		
	Chart paper	030-3478	4		
	Crayons	030-7526	8		
	Fork, metal	060-2909	1		



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Teacher-Supplied Items (continued)					
	Globe, 12"	077-9440	1		
	Glue stick	070-2272	1		
	Glue, white, 4 oz.	008970	1		
	Lamp, clip-on, without shade (Optional extras for Inv. 4)	120-9781	1		
	Painter's tape	1369894	1		
	Paper, drawing, 8 1/2" x 11"	160-0730	30		
	Paper towels, 2-ply, roll	200-1966	1		
	Pencils, colored	160-1456	12		
	Pencils with erasers	161-0014	16		
(1)	Pennies	160-9981	50		
	Ruler, plastic, 12" (30 cm)	180-2305	4		
	Sand, fine brown	1595426	1		
	Scissors, student	084837	1		
	Self-stick notes, 3"x3"	120-5478	100		
	Stopwatch	190-6410	1		
	Wooden spoon	190-4891	1		
Teacher-Prepared Items					
	Cup, plastic, 250 mL, labeled	1491731	1		
	Wind vane straws	230-6877	1		
	Wind vane pointers and tails	162-4880	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® <i>Water Planet</i> , 2nd Edition.
‡	This item is included in the Conversion Kit from FOSS® <i>Weather on Earth</i> , 3rd Edition.

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