



Grade 8 • EARTH SCIENCE

Planetary Science

⚠ 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 | | | | | |
| (1,3,5) | Next Generation Complete Course | 1558457 | | | |
| (1,3,5) | Next Generation Lite Course | 1594384 | | | |
| | Refill Kit | There is no refill kit for this course. | | | |
| (1) | Conversion Kit from Planetary Science, 1st Edition | 1558468 | | | |
| | FOSS Science Resources Student Book (each) | 1558513 | | | |
| † | FOSS Science Resources Student Book (pack of 16) | 1558506 | | | |
| Drawer 1—Permanent Equipment, unique items | | | | | |
| | Book, The Moon Book, by Kim Long | 023-4332 | 1 | 1 | |
| † | Cosmos card sets, 36 cards/set | 1408674 | 16 sets | 16 sets | |
| † | Solar System Origin card sets, 10 cards/set | 1408676 | 8 sets | 8 sets | |
| † | FOSS® orrery | 1401251 | 1 | 1 | |
| | Globe with base | 070-2052 | 1 | 8 | |
| | Map, The Earth's Moon, National Geographic Society | 130-9505 | 1 | 1 | |
| † | Maps, Lunar Landing Site Chart | 130-9440 | 1 | 16 | |
| | Poster, Moon Log, laminated | 1401773 | 1 | 1 | |
| | Poster, Moon Photo | 161-3435 | 1 | 1 | |
| † | Poster set, Solar System Origin, 10 posters/set | 1408675 | 1 set | 1 set | |
| | Puzzles, Phases of the Moon Sequence | 1408677 | 1 | 9 | |
| Drawer 2—Permanent Equipment, unique items | | | | | |
| | Basins, round | 023-5465 | 1 | 8 | |
| † (1) | Beads, aqua, 1 mm | 1303446 | 1 | 1 | |
| † (1) | Beads, blue, 1 mm | 1303447 | 1 | 1 | |
| † (1) | Beads, green, 1 mm | 1303448 | 1 | 5 | |
| † (1) | Beads, orange, 1 mm | 1303449 | 1 | 7 | |
| (1) | Bottles, plastic, with flip-up shakers | 023-4343 | 1 | 4 | |
| † | Lamp, clip-on | 120-9781 | 1 | 1 | |
| † | Lightbulb, 75 watt | 120-0781 | 1 | 1 | |
| † | Lightbulb, blue, 60 watt | 1303404 | 1 | 1 | |
| (1) | Rocks (20 each of 5 sizes) | 180-7849 | 1 | 1 | |
| † | Spectroscopes | 590298 | 15 | 45 | |
| (3) | Spheres, white, polystyrene, 3.5 cm (1 3/8") | 022-9976 | 8 | 32 | |
| † | Spoon, white, long handle, 2 mL | 190-4858 | 1 | 1 | |
| † | Spoon, mini, green | 1410490 | 1 | 1 | |
| † | Spoon, midi, white, short handle | 192-8376 | 1 | 1 | |
| | Straws, slim, short | 192-4328 | 250 | 250 | |
| † | Thread, spools, carpet | 1594941 | 1 | 5 | |
| (1) | Vials, clear, with caps, 0.5" x 1.5" | 221-7214 | 16 | 32 | |
| Drawer 3—Permanent Equipment, common items | | | | | |
| † | Batteries, AA | 022-8073 | 1 | 4 | |
| | Batteries, AAA | 021-0704 | 1 | 3 | |
| | Container, 1/2 L | 030-6426-0 | 1 | 1 | |
| | Cups, plastic, 250 mL (9 oz.) | 031-0419 | 25 | 25 | |
| † | Flashlights | 060-5549 | 1 | 2 | |
| (5) | Marbles | 130-5875 | 50 | 50 | |
| † (1) | Marking pens, permanent, black, ultrafine | 077415 | 12 | 8 | |

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| Drawer 3—Permanent Equipment, common items (continued) | | | | | |
| † (1) | Marking pens, wet-erase, red | 160-7715 | 1 | 8 | |
| † | Meter tapes | 201-4061 | 8 | 16 | |
| † | Poster, FOSS Outdoor Safety | 1358828 | 1 | 1 | |
| † | Poster, FOSS Science Safety | 1391354 | 1 | 1 | |
| | Posters, FOSS Sensemaking, set of 3 | 2013012 | 1 set | | |
| | Straws, flexible | 191-6562 | 100 | 100 | |
| | Straws, superjumbo | 192-4251 | 50 | 50 | |
| † | Syringe, 35 mL | 190-7290 | 1 | 1 | |
| † | Tape roll, transparent | 040488 | 1 | 5 | |
| | Zip bags, 1 L | 021-1353 | 10 | 10 | |
| | Zip bags, freezer strength, 4 L | 021-5005 | 10 | 10 | |
| Teacher-Supplied Items | | | | | |
| | Aluminum foil | 010-1397 | 1 roll | | |
| | Balance | 531697 | 1 | | |
| | Calculator | 1471190 | 1 | | |
| | Chart paper | 030-3478 | 4 | | |
| | Compass | 033-7469 | 4 | | |
| | Composition notebook | 026029 | 1 | | |
| | Construction paper | 160-9442 | 50 | | |
| | Earth globe (9-12") | 077-9440 | 1 | | |
| | Extension cord | 050-0356 | 1 | | |
| | Fasteners | 059949 | 100 | | |
| | Flour | 1289769 | 5 lbs. | | |
| | Glue stick | 070-2272 | 1 | | |
| | Highlighter, assorted | 1298145 | 6 | | |
| | Index cards | 088707 | 100 | | |
| | Marking pen, dry-erase, assorted | 1593097 | 8 | | |
| | Marking pen, dry-erase, black | 1593100 | 12 | | |
| | Meterstick | 081901 | 1 | | |
| | Paper, drawing, 8 1/2" x 11" | 160-0730 | 30 | | |
| | Paper towels | 200-1966 | 1 roll | | |
| | Pencils, colored | 160-1456 | 12 | | |
| | Rubber bands, # 82 | 181-1379 | 25 | | |
| | Rulers | 089837 | 1 | | |
| | Scissors | 084837 | 1 | | |
| | Self-stick notes | 120-2475 | 100 | | |
| | Tape, masking | 200-0371 | 1 | | |

† This item is included in the Conversion Kit from FOSS® Planetary Science First Edition.

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