

Material Kit Items

Grade 4

Unit 1: Energy Transfer and Transformation

Quantity	Item
7	Balloons - Dark Blue (9")
14	Balls - Rubber/Super
7	Candles - Votive (white, 10 hours)
7	Cups - Paper (white, 8 oz.)
7	Cups - Plastic (clear, 10 oz.)
1	Flashlight - LED (small, 3.25")
7	Marbles (assorted size, 10 oz.)
2	Modeling Clay (4 colors)
7	Paintbrushes - Chip Brush (3")
1	Sand - Play (5 lbs.)
2	Toy Cars - Die Cast
2	Toy Cars - Large

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Unit 2: Investigating Waves

Quantity	Item	Quantity	Item
1	Balloon - Black (12")	7	Markers - Permanent (black)
100	Balloons - Clear (12")	7	Mirror - Plastic (3.5" x 5.5")
13	Cloths - Cotton (6" x 4")	1	Pencils - Colored (50 pack)
8	Containers - Plastic (5.25" W x 7" H x 0.25" D)	7	Prism - Plastic/Polished (6")
7	Corks - Size 9 (18–24 mm.)	7	Ribbon - Grosgrain Roll (red, 0.625")
1	Egg Shaker	13	Rope - Polypropylene (yellow, 2')
3	Filters - Color/Acrylic (5 pack)	1	Rubber Bands (0.25 lb. bag)
13	Flashlight - LED/Pen	7	Stickers - Stars (12 pack)
7	Glow Sticks (4")	1	Straws - Flexible/Unwrapped (25 pack)
38	Glue Sticks (0.74 oz.)	1	String - Cotton/#30
7	Magnifiers - Plastic (small)	1	Yarn - Acrylic (red, small skein)

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Unit 3: Structures and Functions of Living Things

Quantity	Item
1	Balloons (12", 12 pack)
1	Beads - Wooden, Round (100 pack)
7	Bottled Waters
1	Building Block Set
1	Feathers (0.5 oz. bag of assorted colors)
7	Glue Sticks (0.74 oz.)
1	Index Cards - Ruled (3" x 5")
7	Mirror - Plastic (3.5" x 5.5")
7	Modeling Clay (4 colors)
1	Rubber Bands - #33
2	Sticky Notes - Assorted Colors (3" x 3", 5 pack)
2	Sticky Notes - Red (3" x 3")
7	Straws - Unwrapped (neon color)

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Unit 4: Processes That Shape Earth

Quantity	Item
1	Aquarium Gravel - Black (1 lb.)
1	Coffee Stirrers - Wood (25 pack)
7	Cylinder - Hex Base (100 ml.)
1	Dental Floss (55 yards)
7	Highlighters - Assorted Colors (6 pack)
1	Index Cards - Ruled (3" x 5")
7	Knives - Putty (2")
7	Marbles (0.625", 20 pack)
1	Markers - Classic Broad Tips (8 pack)
7	Measuring Cups - Plastic (2 cups)
1	Modeling Clay (4 colors)
1	Plaster of Paris - Carton (0.5 lb.)
1	Rocks - Igneous Set
1	Rocks - Metamorphic Set
1	Rocks - Sedimentary Set
28	Rubber Bands - #12
1	Scale - Digital (600 g. capacity)
7	Viscosity Cups

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Unit 5: Using Natural Resources for Energy

Quantity	Item
1	Aluminum Foil Roll (12")
1	Index Cards - Ruled (3" x 5")
2	Shoe Polish - Kiwi (1.125 oz.)
1	Sticky Notes - Blue (3" x 3", pad of 90)
1	Straws - Straight (wrapped, 50 pack)

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Unit 6: Human Respiration and Circulation

Quantity	Item
1	Balloons - Yellow (12", 15 pack)
1	Duct Tape - Silver (1.89", 10 yards)
1	Markers - Classic Broad Tips (8 pack)
1	Masks - Disposable/Youth (3 ply, 50 pack)
7	Modeling Clay (4 colors)
13	Pencils - Colored (12 pack)
1	Petroleum Jelly (approximate 3.5 oz.)
13	Plates - Paper (white, 9")
13	Rubber Bands - #12
1	Sticky Notes - Blue (3" x 3")
25	Straws - Flexible/Unwrapped

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Unit 7: Problem-Solving and Computers

Quantity	Item
1	Centimeter Cubes - Interlocking
13	Glue Dots (0.5", sheet of 12)
7	Glue Sticks (0.74 oz.)
1	Markers - Fine Tip (12 pack)
7	Measuring Tape - Metric (150 cm.)
13	Pencils - Colored (12 pack)
13	Pens - Ballpoint/Retractable
1	Plates - Paper (white, 9", 25 pack)
7	Ruler - Metric/Plastic (12")
1	Sticky Notes - Green (3" x 5")
1	Tape - Transparent (500" with dispenser)

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Unit 8: Making Sense of Science

There are no materials for this unit.
