

Magic of Electricity Materials List



Click the hyperlinked names in the downloadable PDF to see where to purchase these items.

Activity	Item	Quantity	Total Cost
4,5,6,7,12,13	Insulated Copper Wire (20-24 Gauge)	10 ft.	\$4.50
3,4,5,6,7,12,13	D-Cell Battery	2	\$3.50
4,5,6,7,12,13	D-Cell Battery Holder w/ 6" Wires	2	\$2.30
4,5,6,7	Light Bulb Holder	2	\$1.90
3, 4,5,6,7	Flashlight Bulb (1.5-3 Volts DC)	2	\$1.30
4,5,6,7,12,13	Wire Stripper (16-25 Gauge)	1	\$7.00
10,13	Small Compass	1	\$2.00
4,5,6,7,12,13	Alligator Clips (10 Pack)*	4-6	\$5.50
8,9,11	Bar Magnet (2 Per Pack)	2	\$3.00
14	22-26 Gauge Enamel-Coated Wire	2 ft.	\$8.95
14	10, 12, 14 Gauge Solid Wire	1 ft.	Varies

*Optional, but simplifies wiring.

Common Household Items

Activity	Item	Quantity
4,5,8,9,12,13	Paper Clips	
3	Aluminum Foil	2"-4"
9,10	String	3 ft.
4,5,12	Cardboard	8" x 12"
4,5,12,13	Brass Paper Fasteners	
11	Large Sewing Needle (or Small Nail)	
4,5,6,12,13	Scotch or Masking Tape	
11	Non-Metal Bowl	
11	Styrofoam Cup/Plate	
14	Sandpaper	
4,5,6,7	Small Screwdriver	
12	Large Iron Nail	1
12	Different Size Nails	3 to 4