

OpenSciEd Unit 8.3

Forces at a Distance

KIT # 470350-030



Included Items

Alligator wire, 16"-24"	28	
Aluminum bar track (acrylic)	8	
Aluminum foil, 1 square inch piece	1	roll
Amplifier with power cord	1	
Audio aux cable, male-to-male, 3.5 mm	1	
Battery, D-cell	36	
Clamshell container, plastic, clear	1	
Compass, tiny	45	
Cup, 9 oz, plastic	9	
Doorbell with cover removed	1	
Dynamics cart	4	pr
Incandescent "grain of wheat" lightbulb, 1.5 V 100 mA	15	LED
Index card, 3x5"	100	
Iron filings	227	g
LED, 2-pin, bi-color	15	
Magnet wire, 18-gauge copper	61	m
Magnet wire. 28-gauge copper, enamel coated	1	roll
Magnet, bar, 3-6" length	5	pr
Magnet, large disk, 1.5" diameter	5	
Magnet, medium disk, 1"-1.2" diameter	22	
Magnet, small disk, 3/4" diameter	70	
Magnets, extra small disk, .5" diameter	5	
Mono audio plug to alligator clips, 3.5mm	2	
Nail, iron	8	
Paper clip, jumbo	100	
Plastic bag, sealable, quart	2	
Sandpaper, all-purpose, 2"x2" piece	1	
Speaker, 4 ohm, 3 W (20 W sub)	2	
Speaker, 4 ohm, 60 W (50 W sub)	1	
Speaker, 4-inch (20 W sub)		use the same 20W speaker above
Sticky arrow (index tabs)	125	
Sticky dot, color #1	1	pkg

Sticky dot, color #2	1	pkg
Sticky dot, color #3	1	pkg
Sticky note, 3x3"	300	
Sticky tack	1	pkg
Tape, painter's	1	roll
Tape, transparent	3	roll

Sold Separately	Suggested Quantities	Available at wardsci.com Part #
Digital scale	8	470350-092

Locally Sourced Items	Suggested Quantities	Available at wardsci.com Part #
Binder clip, 2"	1	pkg 470188-219
Box cutter	1	470335-812
Brick	8	
Calculator	32	470349-982
Cardboard, thick, 3x5 piece	1	470092-680
Chart paper	1	
Marker, black or dark	8	470338-506
Marker, colored	16	470338-508
Meter stick	8	470002-836
Mineral oil, 1 L	1	L 470301-506
Paper, white copy	10	470218-640
Pencil, colored	8	each of 3 colors 470105-210
Penny	7	
Quarter	7	
Ruler	32	470177-220
Scissors	1	470101-894
Scrap paper		470218-640
Screwdriver	1	470150-068
Soda bottle, 1 L, clear, empty (optional)	1	470146-854