

OpenSciEd Unit 8.1

Contact Forces

KIT # 470350-068



Included Items

Aluminum bar track	16	
Balsa wood slices	4	
Box cutter	1	
Bubble wrap, large (1/2" thick)	1	ft
Bubble wrap, small (1/4" thick)	1	ft
CD case	26	
Clay, no-dry modeling	1	pkg
Clothespin	1	
Coffee stirrer, wood	27	
Cotton ball, large	200	
Duct tape	1	roll
Dynamics cart	16	
Earplug, foam	8	
Electrical wall plate, blank	16	
Fan, table top	2	
File folder, plastic	3	
Glass (w frame)	1	
Golf ball	6	
Index card, 3x5", green	100	
Index card, 3x5", red	100	
Laser pointer	1	
Marble	20	
Mini index tab flag (5 colors)	600	flags
Mirror sheet, sticky back	1	
Paper Twist Ties	100	
Push-pull spring scale-10N	16	
Push-pull spring scale-5N	16	
Ring stand	1	
Ruler	8	
S hook (included in spring scales)		
Slingshot	1	
Sticky back Velcro tape (hook and loop)	1	ft

Sticky putty	1	
Styrofoam sheet (tray)	3	
Takeout food container, Styrofoam tray	2	
Tape, painter's	1	roll
Tennis ball	9	
Terry cloth towel	2	
Test tube clamp (burette clamp)	1	
Thermometer, infrared	2	
Timer	2	
Washer, large	64	
Water balloon (included with slingshot)	500	

Sold Separately	Suggested Quantities	Available at wardsci.com Part #
Digital scale	1	470350-092
Safety goggles	32	470016-082

Optional Extension Items	Suggested Quantities	Available at wardsci.com Part #
<i>Sugar glass activity replaced by soda crackers.</i>		
Arcor crystal mints	1 lb	470336-708
Cookie sheet	1	470311-730
Cooling rack	1	470340-444
Hot mitts or gloves	1 pr	470016-332
Silicone soap mold, 6-cavity	2	470340-450
Storage bag, gallon	1	
Building materials		
Cooking spray	1	
Discarded items		
Eggs		
Oven, electric, gas, or toaster	1	
Paper towel	1 roll	470174-714
Plastic storage bags, small		470093-898
Recyclable materials		470105-210
Wax paper	1 roll	470303-492

Locally Sourced Items	Suggested Quantities	Available at wardsci.com Part #
Books, hardbound		
Box	1	470332-520
Brick	20	
Calculator	8	470349-982
Cardboard, corrugated	1	470092-676
Chart paper	1	470149-698
Cup, plastic, 16 oz	1	470226-610
Eraser, large, pink	2	470089-356
Marker, ultra-fine tip	1	470152-038
Markers, colored	1	470338-508
Meter stick	2	470017-044
Paper, blank, 8.5x11"	70	470218-640
Paper, scrap	50	470218-640
Pencils, colored	32 sets	470105-210
Rice noodle, wide	0.33 lb	
Rock, small	1	470226-154
Rolling cart	1	
Rubber bands	1 oz	470003-340
Soda cracker	~144	
Sponge	1	
Sticky note, 3x3	421	470173-822
Tape, cellophane	3	470003-354
Rigid ramp material	6	