



Engineering is Elementary

Museum of Science

National Center For
Technological Literacy

Materials Kit #: SMK090809

Box 1: SMK1

Box 2: SMK2

Marvelous Machines: Making Work Easier

Simple Machines and Industrial Engineering

Item Number	Item Description	Kit Quantity
Box 1 of 2		
Bin 1 of 2		
Consumables		
30193	CARDS, INDEX, 3X5", BLANK PK/100	1
18261	PAPER CLIPS, JUMBO, PK/100	1
30211	PAPER, CONSTRUCTION, ASST. COLORS PK/50	6
30345-1	SANDPAPER, FINE #150	1
77073	STAPLES, STANDARD, BOX/5000	1
77035	TAPE, CELLOPHANE, 3/4" WIDE	6
MT317	TAPE, MASKING, 1" X 60 YDS	10
Nonconsumables		
46215	RULER, PLASTIC W/GROOVE, 12" SET/6	5
77074	STAPLER, DESK	6
Packaging		
76498	TUB, CLR, W/CLR LID, 30.5 QT	1
Bin 2 of 2		
Consumables		
606	ROPE, CLOTHESLINE, 3/16" X 50 FT	3
25298	TWINE, PINK (MASON'S LINE) 275 FT	1
Nonconsumables		
77000	ADAPTOR, COMPACT DISC PK/20	1
30707	BALL, WIFFLE, HOLLOW	4
30282-1	BLOCK, WOOD 2 X 4 X 6"	8
77039	CARABINER, 3.25" PK/12	2
NSN46276	COMPACT DISC, BLANK	20
30096-1	DOWEL, WOOD, 12" X .25"	8
77007	DOWEL, WOOD, 2 FT X 7/16"	4
77015	HOOK, METAL, OVER-THE-DOOR PK/2	4
77025	PULLEY, SINGLE WHEEL, 4"	12
77030	SPRING SCALE, FLAT, 10 NEWTON	10
Packaging		
76498	TUB, CLR, W/CLR LID, 30.5 QT	1



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Box 2 of 2

77029	SAFETY CONE, ORANGE, 18"	4
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The following items are not included in the kit and will need to be supplied by the user:

	BOX TOPS, CARDBOARD, OR SHOE BOXES	4
	CHART PAPER	1 pad
	CLOCK/STOPWATCH/WRIST WATCH	1
	MARKERS	30
	PENCILS	30
	PAPER, 8.5 x 11"	75 sheets
	PLANK, WOODEN, 6" (15.2 cm) or wider and 12" (30.5 cm) long	4
	PLANK, WOODEN, 6" (15.2 cm) or wider and 3-6 feet (1.4-3.0 meters) long	4
	SCISSORS	10
	WATER BOTTLES (0.5-liter, filled)	10
	WATER BOTTLES (1.0-liter, filled)	4

Note: Materials list is compiled for a classroom of 30 students.