

**Museum of Science**National Center For  
Technological Literacy

# The Attraction is Obvious: Designing Maglev Systems

## *Magnetism and Transportation Engineering*

Item Number	Item Description	Kit Quantity
<b>Consumables</b>		
25205	CHALK, SIDEWALK, BOX/3	1
30427-1	CUP, PAPER, NON-WAXED, 3 OZ	20
56260	MAGNET CERAMIC BAR 1.5" SET/6	7
75033	MAGNET, CERAMIC, RING (DONUT) 30MM	75
77217	MAGNET, DISC, 1" DIAMETER	50
77222	MAGNETIC STRIP, 50 FT	1
77219	SUPERGLUE, 2 G	1
77069	TAGBOARD, MED WT, 9 X 12" P/100	1
77218	TAPE, ELECTRICAL, YELLOW	1
MT317	TAPE, MASKING, 1" X 60 YDS	10
52085	TRAY, STYROFOAM, 8 X 10"	31
<b>Nonconsumables</b>		
77223	ANCHORS, PLASTIC, DRYWALL, PK/40	1
PB19	BAG, ZIP-TOP, 10 X 12"	10
5821	BALLS, TABLE TENNIS, SET/6	1
77220	BOX, CARDBOARD. 12 X 3.5 X 3"	10
77003	CAKE ROUND, CARDBOARD, 12" DIAM	5
3919-1	CLAY, MODELING, NATURAL, LB	1
77221	CONTAINER, CLEAR PLASTIC, 10" RND, 128 OZ	5
50572	HOLE PUNCH	1
77016	KNIFE, UTILITY	1
18251	PAPER CLIPS, STANDARD, PK/100	1
31280-1	PENCIL, HEX W/ERASER	5
46215	RULER, PLASTIC W/GROOVE, 12" SET/6	2
77014-450	STONES, FLAT BLUE PK/450	1
50652-10	TRANSPARENCY, ACETATE, PK/10	1
<b>Packaging</b>		
77322	BIN, CLEAR PLASTIC W/LID, 26X17X11"	1
<b>The following items are not included in the kit and will need to be supplied by the user:</b>		
	CHART PAPER	1 pad
	COPY PAPER, 8.5 x 11" SHEETS	30
	CRAYONS OR MARKERS	30
	PEN	1
	SCISSORS	10
	WATER	2.5 liters

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