



Engineering is Elementary

Museum of Science

National Center For  
Technological Literacy

Materials Kit #: PAK090929

Box 1: PAK1

Box 2: PAK2

## It's a Long Way Down: Designing Parachutes

### *Astronomy and Aerospace Engineering*

Item Number	Item Description	Kit Quantity
-------------	------------------	--------------

#### **Box 1 of 2**

#### **Consumables**

18231	BAG, TRASH, CLEAR PLASTIC	22
83166	CLOTH, COTTON, WHITE, 60" X 42"	2
83165	CLOTH, FELT, GREEN, 62" x 40"	2
NSN83156	FILTER PAPER, COFFEE, 14" DIAM STACK/50	1
NSN83157	FILTER PAPER, COFFEE, 18" DIAM STACK/50	1
30061-100	FILTER PAPER, COFFEE, 8-12 CUP, 100/BOX	1
30253	FOOD COLORING, RED 1 OZ/30 ML	1
25161	MESH, FABRIC, FINE 48X54 INCH	2
30221	PAPER, TISSUE, ASST COLORS, PK/20	1
30305	STRING, COTTON, 420 FT	1
MT317	TAPE, MASKING, 1" X 60 YDS	10

#### **Nonconsumables**

PB19	BAG, ZIP-TOP 10X12 INCH	20
39108	BALL, GOLF, EACH	4
83158	CLIPS, BULLDOG, 1" WIDE, BOX/36	1
83162	JAR W/LID, CLR PLASTIC, 88 OZ	2
83159	LADLE, PLASTIC, LONG HANDLE, 13"	1
18261	PAPER CLIPS, JUMBO PK/100	1
46215-1	RULER, PLASTIC W/GROOVE 12 IN	14
4678	STOPWATCH, DIGITAL	1

#### **Packaging**

77321	BIN, CLEAR PLASTIC W/LID 21X15X10	1
-------	-----------------------------------	---

#### **Box 2 of 2**

83164	POSTERBOARD, WHITE, 28 X 22"	4
514-1	YARD/METER STICK, EACH	6

#### **The following items are not included in the kit and will need to be supplied by the user:**

CALCULATORS	10
CHART PAPER	1 pad
COMPASS, FOR MAKING CIRCLES (optional)	10
MARKER, PERMANENT	1
MARKERS/CRAYONS	30
MEASURING TAPE (optional)	1
PENS	10
SCISSORS	10 pairs
WATER	approx. 7.5 L

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