



Engineering is Elementary

Museum of Science

National Center For
Technological Literacy

Materials Kit #: WAK090801

Box 1: WAK1

Box 2: WAK2

Box 3: WAK3

Box 4: WAK4

A Sticky Situation: Designing Walls

Earth Materials and Materials Engineering

Item Number	Item Description	Kit Quantity
Box 1 of 4		
Consumables		
PB12	BAG, ZIP-TOP PLST 6X8 INCH	15
30119-1	BOWL CLEAR PLASTIC DELI 16 OZ	45
56358	CLAY, CERAMIC, 5 LB/PKG	2
56761	MASK, DUST, CUP SHAPED	1
18189	SPOON, PLASTIC PK/24	4
77035	TAPE, CELLOPHANE, 3/4" WIDE	1
MT317	TAPE, MASKING, 1" X 60 YDS	1
Nonconsumables		
39108	BALL, GOLF EACH	1
12004-6	HAND LENS, 3X, 6X PK/6	3
52012	MEASURING SPOON, TABLESPOON	1
592	MEASURING, CUPS, DUAL, SET/4	3
24005	PITCHER, 2 LITER W/LID	1
30208-1	SPOON, METAL, TEASPOON	1
Packaging		
76498	TUB, CLR, W/CLR LID, 30.5 QT	1
Box 2 of 4		
Consumables		
77003	CAKE ROUNDS, CARDBOARD, 12" DIAM.	45
77034	STRAW, CRAFT, QT	1
46294	STREAK PLATE, WH 2X2", SET/10	20
706-30	TONGUE DEPRESSOR, PK/30	1
Nonconsumables		
3972T	BUCKET 5 QT. NATURAL	3
77007	DOWEL, WOOD, 2 FT X .7/16" DIA	1
3952BCL	LID SMALL NATURAL	3
46215	RULER, PLASTIC W/GROOVE 12 IN PK/6	3
25298	TWINE, PINK(MASONS LINE)275 FT	1
Packaging		
76499	TUB, CLR, W/CLR LID, 58.1 QT	1



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Box 3 of 4

30343	SAND, FINE 2.2LB(1KG)	8
10106-8	SOIL, POTTING, 8LBS	1

Box 4 of 4

77027	SLATE, RED 1-2" PKG/900	1
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The following items are not included in the kit and will need to be supplied by the user:

	BLANKET	1
	BRICK (optional)	1
	CHAIRS (with backs of the same height)	2
	CHART PAPER	1 pad
	CLOTH (optional, small sample)	1
	MARKER/PEN	15
	NEWSPAPER	1
	PAPER, 8.5" X 11"	1 piece
	PAPER TOWEL, ROLL	1
	T-SHIRT (cotton)	1
	TWIGS (optional)	shoebox full
	WATER	5L

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