



Engineering is Elementary

Museum of Science

National Center For
Technological Literacy

Materials Kit #: WAK201101

Box 1: WAK1A

Box 2: WAK2A

Box 3: WAK3A

Box 4: WAK4A

A Sticky Situation: Designing Walls

Earth Materials and Materials Engineering

Item Number	Item Description	Kit Quantity
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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
77034	STRAW, CRAFT, QT	1
77035	TAPE, CELLOPHANE, 3/4" WIDE	1
MT317	TAPE, MASKING, 1" X 60 YDS	1
706-30	TONGUE DEPRESSOR, PK/30	1

Nonconsumables

39108	BALL, GOLF EACH	1
3972T	BUCKET 5 QT. NATURAL	3
12004-6	HAND LENS, 3X, 6X PK/6	3
3952BCL	LID SMALL NATURAL	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
25298	TWINE, PINK(MASONS LINE)275 FT	1

Packaging

77321	BIN, CLEAR PLSTC W/LID 21X15X10	1
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Box 2 of 4

Consumables

77003	CAKE ROUNDS, CARDBOARD, 12" DIAM.	45
46294	STREAK PLATE, WH 2X2", SET/10	20

Nonconsumables

77007	DOWEL, WOOD, 2 FT X .7/16" DIA	1
46215	RULER, PLASTIC W/GROOVE 12 IN PK/6	3

Packaging

77321	BIN, CLEAR PLSTC W/LID 26X17X11	1
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Box 3 of 4

83293	SAND, FINE 3 KG (6.6 LBS)	3
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.