



Engineering is Elementary

Museum of Science

National Center For
Technological Literacy

Materials Kit #: WFK090803

Box 1: WFK1

Box 2: WFK2

Box 3: WFK3

Box 4: WFK4

Water, Water Everywhere: Designing Water Filters

Water and Environmental Engineering

Item Number	Item Description	Kit Quantity
Box 1 of 4		
Consumables		
102055	CHEESECLOTH, 2 SQ YARD	3
77017	COTTON BALLS, LARGE PK/100	4
25297-50	CUP, CLEAR PLASTIC FLEX 16 OZ PK/50	2
30061-100	FILTER, PAPER, COFFEE 100/BOX	2
Nonconsumables		
77028	SCREEN, FIBERGLASS, 11 3/4 X 11 3/4" PK/10	2
Packaging		
76498	TUB, CLR, W/CLR LID, 30.5 QT	1
Box 2 of 4		
Consumables		
30062	CORNSTARCH, 16 OZ BOX	1
30738	MARKER, PERMANENT, BLACK, 1 EACH	1
MT317	TAPE, MASKING, 1" X 60 YDS	1
77037	TAPE, PACKING (ROLL)	1
77036	TEA BAGS PK/48	1
Nonconsumables		
591-1	CUP, MEASURING, 8 OZ ROUND	1
NSN18011	FUNNEL, POWDER 65MM	1
77016	KNIFE, UTILITY	1
593	MEASURING, SPOONS, DUAL, SET/5	1
77033	STOPPER, RUBBER, 1-HOLE, SIZE 4, LB	1
42270T	VERSATOTE TUB LARGE	10
Packaging		
76499	TUB, CLR, W/CLR LID, 58.1 QT	1



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Item Number	Item Description	Kit Quantity
Box 3 of 4		
77031	SAND, WASHED, ART UNCOLORED 25LBS	1
Box 4 of 4		
46202	GRAVEL, PEA SIZE, 5 LBS	4
10106-1	SOIL, POTTING, 1 LB	1
The following items are not included in the kit and will need to be supplied by the user:		
	BOTTLE (1-liter, plastic, with cap)	15
	BOTTLE (2-liter, plastic, with cap)	13
	CHART PAPER	1 pad
	CRAYONS/MARKERS	30
	HAMMER AND NAIL (OR DRILL)	1
	PAPER, 8.5" X 11"	10 sheets
	PAPER TOWEL, ROLL	1
	TIMER OR CLOCK (with second hand)	1
	UTILITY GLOVES	1 pair
	WATER (warm)	23 liters

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