



Now You're Cooking: Designing Solar Ovens

Energy and Sustainable Engineering

Item Number	Item Description	Kit Quantity
Consumables		
83137	ADHESIVE, SILICONE	1
PB19	BAG, ZIP-TOP 10X12 INCH	6
77041	BOWL, PLASTIC DELI 12 OZ	21
83107	BOX W/LID, 12X7X4"	11
30198	CARDS, INDEX, 5 X 8" PK/100	1
83138	CLOTH, FELT, 9X12", PK/10	5
83139	FOAM, CRAFT, 9X12", PK/6	8
20708	FOIL, ALUMINUM STD WT 1X25FT	2
39455	GLUE, SCHOOL, 4 OZ	1
30345-1	SANDPAPER, FINE, #150	1
MT317	TAPE, MASKING 1" X 60 YDS	1
77037	TAPE, PACKING (ROLL) 2" X 10 YDS	1
Nonconsumables		
3919-1	CLAY, MODEING, NATURAL, LB	1
30136-1	CUP, CLEAR PLASTIC, 10 OZ	25
77016	KNIFE, UTILITY	1
30136SL	LID FOR 10 OZ CUP, SLOTTED	15
42270L	VERSATOTE LID, LARGE	1
592	MEASURING CUPS, DUAL, SET/4	3
24005	PITCHER, 2 LITER W/LID	1
46215-12	RULER, PLASTIC W/GROOVE PK/12	1
4678	STOPWATCH, DIGITAL	1
20479	THERMOMETER, DUAL SCALE	14
42270T	VERSATOTE TUB, LARGE (15X11.75X4.25")	1
Packaging		
77322	BIN, CLEAR PLASTIC W/LID 26X17X11	1
The following items are not included in the kit and will need to be supplied by the user:		
	BAGS, PLASTIC, GROCERY	32
	CHART PAPER, PAD	1
	ICE CUBES	48
	MARKER, GREEN	1
	MARKER, RED	1
	MARKERS/CRAYON (any color)	10
	NEWSPRINT/NEWSPAPER (8.5 X 11" sheets)	44
	PENS/PENCILS	11
	SCISSORS	10
	S'MORES INGREDIENTS (MARSHMELLOWS, CHOCOLATE, GRAHAM CRACKERS)	1 bag/box of each
	SUNSCREEN, HAT, SOMETHING TO DRINK (optional)	for each student
	WATER, COLD	4 liters

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