



TEACHER PACKING LIST

P3 – Issues and Physical Science (IAPS)

- ☐ **UNIT D: Energy**
- ☐ **UNIT F: Waves**

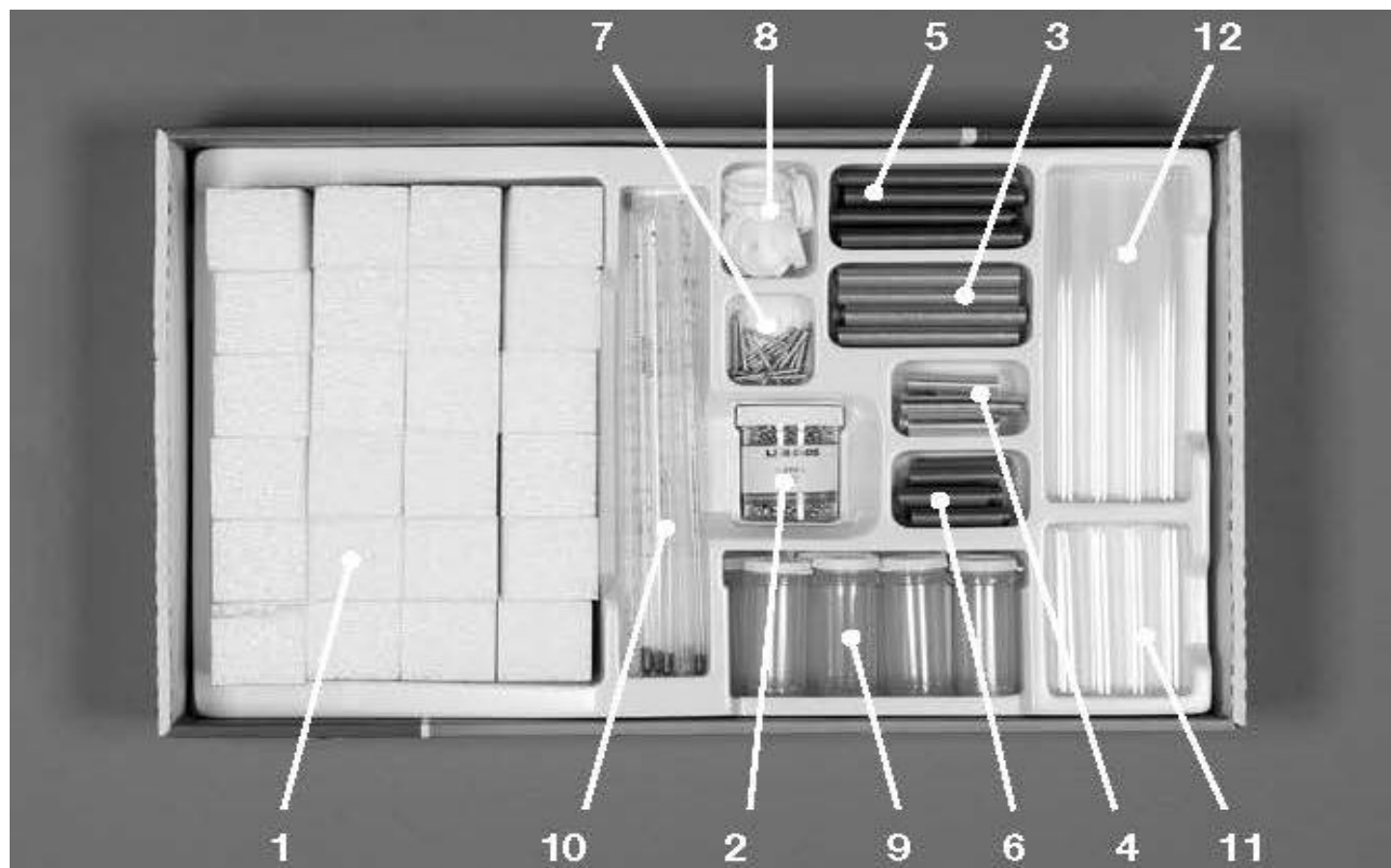
Instructions for Teachers:

- Save this list and use it as your guide when you are ready to pack-up and return your science kit.
- Clean any dirty components before packing.
- Return ***ALL COMPONENTS***, regardless of condition!
Schools will be charged for excessive damaged or missing components.
- Return ***ALL UNUSED CONSUMABLES.***

If your kit is incomplete or missing materials, immediately contact the K-8 Science Kit program at sciencekits@pps.net.

Issues and Physical Science - Unit D - Energy							
NO.	QTY	Description	Item Number	Activity Used	Item Type	Material Instruction	Cost Each
1	24	* Blocks, styrofoam, 2" x 2" x 4"	C1-BLX8	54	Consumable	<i>Return</i>	\$6.30
2	1	Copper Shot, 650 g	SS-1B32E	56	Component	<i>Return</i>	\$22.95
3	8	Cylinders, aluminum, 10cmx13mm diameter	AL-002B	54	Component	<i>Return</i>	\$1.80
4	8	Cylinders, aluminum, 5cm x 13mm diameter	AL-002A	54	Component	<i>Return</i>	\$1.20
5	8	Cylinders, steel, 10cm x 13mm diameter	ST-010B	54	Component	<i>Return</i>	\$1.35
6	8	Cylinders, steel, 5cm x 13mm diameter	ST-010A	54	Component	<i>Return</i>	\$1.00
7	16	Nails, galvanized steel, 4 penny	IAPS-P32	54	Component	<i>Return</i>	\$3.25
8	8	Shot Shaker cap w/hole	SS-1P23E	56	Component	<i>Return</i>	\$4.15
9	8	Shot Shakers	SS-1B37E	56	Component	<i>Return</i>	\$1.95
10	8	Thermometers, partial immersion	TH-005	56, 63	Component	<i>Return</i>	\$4.95
11	8	Tubes, transparent, 3/4" diameter x 4"	TUBE009	54	Component	<i>Return</i>	\$0.65
12	8	Tubes, transparent, 3/4" diameter x 8"	TUBE0010	54	Component	<i>Return</i>	\$0.85

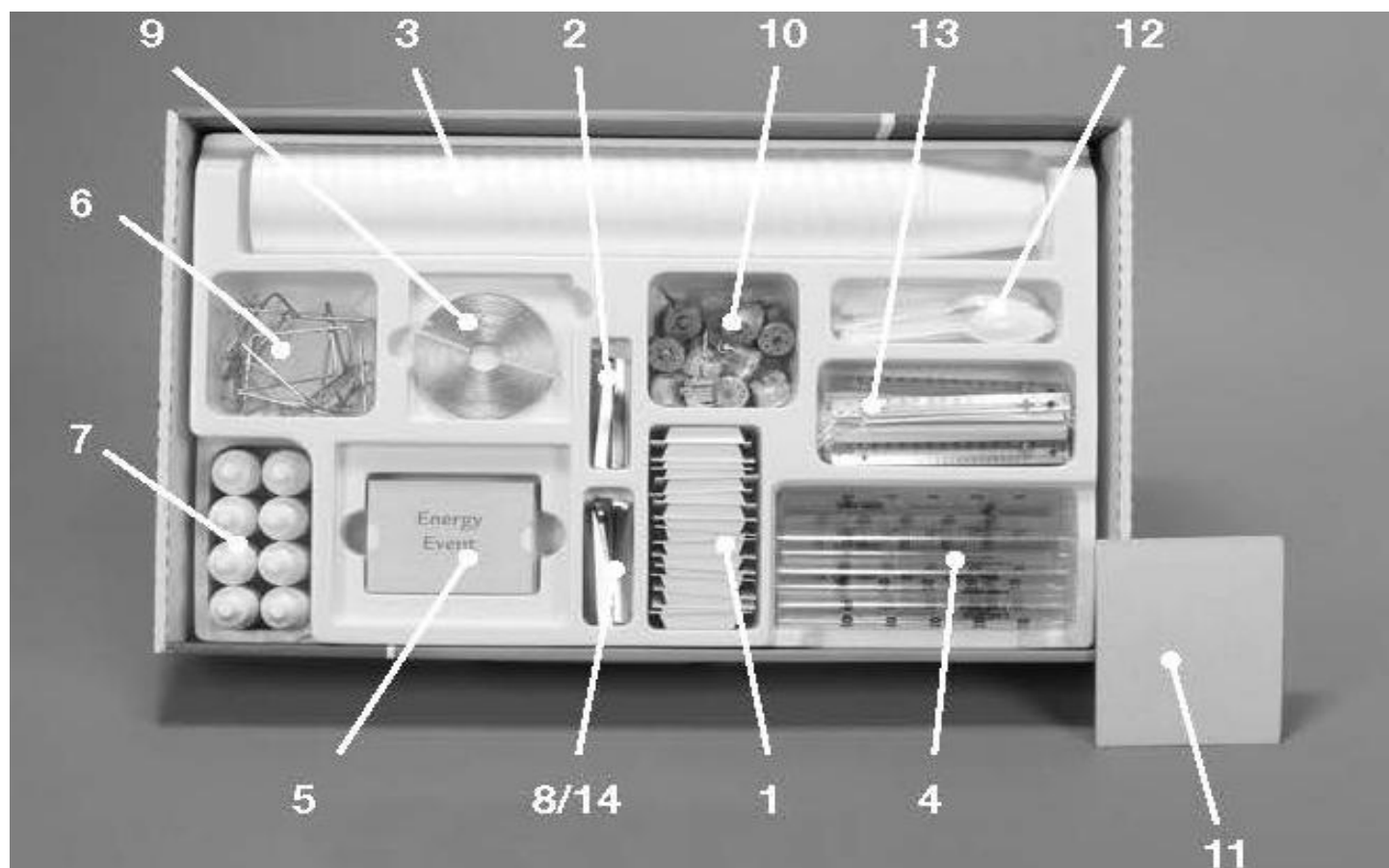
Please return ALL components and any UNUSED portion of consumables



Drawer 1 - Energy

Issues and Physical Science - Unit D - Energy							
NO.	QTY	Description	Item Number	Activity Used	Item Type	Material Instruction	Cost Each
1	16	Base for 50 ml graduated cylinder	RTU-002	59, 61, 62, 63 65, 67, 69	Component	Return	\$0.95
2	16	* Copper Metal Strips, 3/8" x 3" x 0.01"	C1-CSX16	65	Consumable	Return Used and & Unused for Disposal	\$7.95
3	32	Cups, styrofoam, 8 oz	C1-8CX25	61, 62	Component	Return	\$6.25
4	16	Cylinder, graduated 50 ml	TUBE008	59, 61, 62, 63 65, 67, 69	Component	Return	\$0.95
5	4	Energy Event card sets (set of 16)	IAPS-P20	58	Component	Return	\$3.50
6	8	Holder, nut, Lab-Aids "Signature" item	NH-001	63	Component	Return	\$1.25
7	8	* Hydrogen Peroxide solution, 3% 30 ml	C1-1-30E	65	Consumable	Return	\$3.95
8	16	* Iron Metal Strips, 3/8" x 3" x 0.01"	C1-ISX16	65, 66	Consumable	Return Used and & Unused for Disposal	\$5.95
9	1	* Magnesium ribbon roll, 12.5 g	C1-MGX1	65, 66	Consumable	Return	\$7.50
10	16	Motors, electric, 2 volt	MO-004	65, 66, 68	Component	Return	\$6.95
11	8	* Sand paper, 4.5"x5.5"	IAPS-P21	65	Consumable	Return Unused	\$5.25
12	16	Spoons, plastic, large	TW-SPX16	61, 62, 65	Component	Return	\$3.95
13	16	Thermometers metal back -20 to 110°C	TH-002A	61, 62, 67, 69, 70	Component	Return	\$3.95
14	16	* Zinc Metal Strip, 3/8 x 3 x 0.01"	C1-ZSX16E	65, 66	Consumable	Return Used and & Unused for Disposal	\$12.50

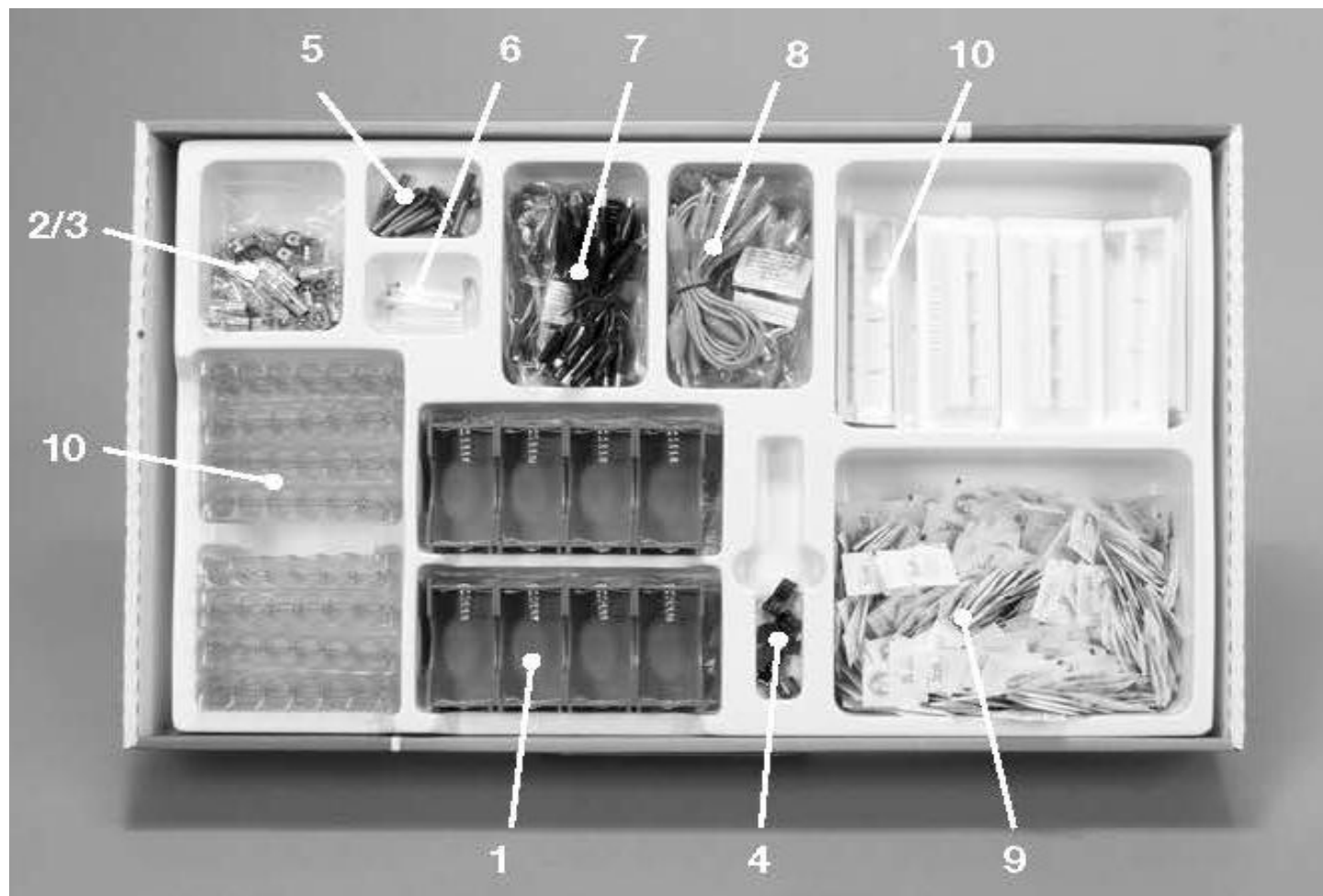
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Drawer 2 - Energy

Issues and Physical Science - Unit D - Energy							
NO.	QTY	Description	Item Number	Activity Used	Item Type	Material Instruction	Cost Each
1	16	Battery holders with connectors, D-Cell	BH-001B	66, 69	Component	Return	\$1.95
2	24	Bulb Sockets with Terminals	BS-001	66	Component	Return	\$0.60
3	24	Bulb, #50	BU-004	66	Component	Return	\$0.95
4	8	Buzzer, electric	BU-014	66	Component	Return	\$4.15
5	12	Carbon rod, 3/16"x1.5"	IAPS-P16	66	Component	Return	\$7.45
6	12	Glass rod, 5MMx1.5"	IAPS-P17	66	Component	Return	\$7.45
7	24	Leads, jumper, black	C1-WLBX8	65, 66, 68, 69	Component	Return	\$8.95
8	24	Leads, jumper, red	C1-WLRX8	65, 66, 68, 69	Component	Return	\$8.95
9	400	* Salt packets	C1-SX300	65, 66	Consumable	Return Unused	\$7.85
10	16	Wet Cell Chambers and stand set, Lab-Aids "Signature" item	C1-WCX1	65	Component	Return	\$8.50

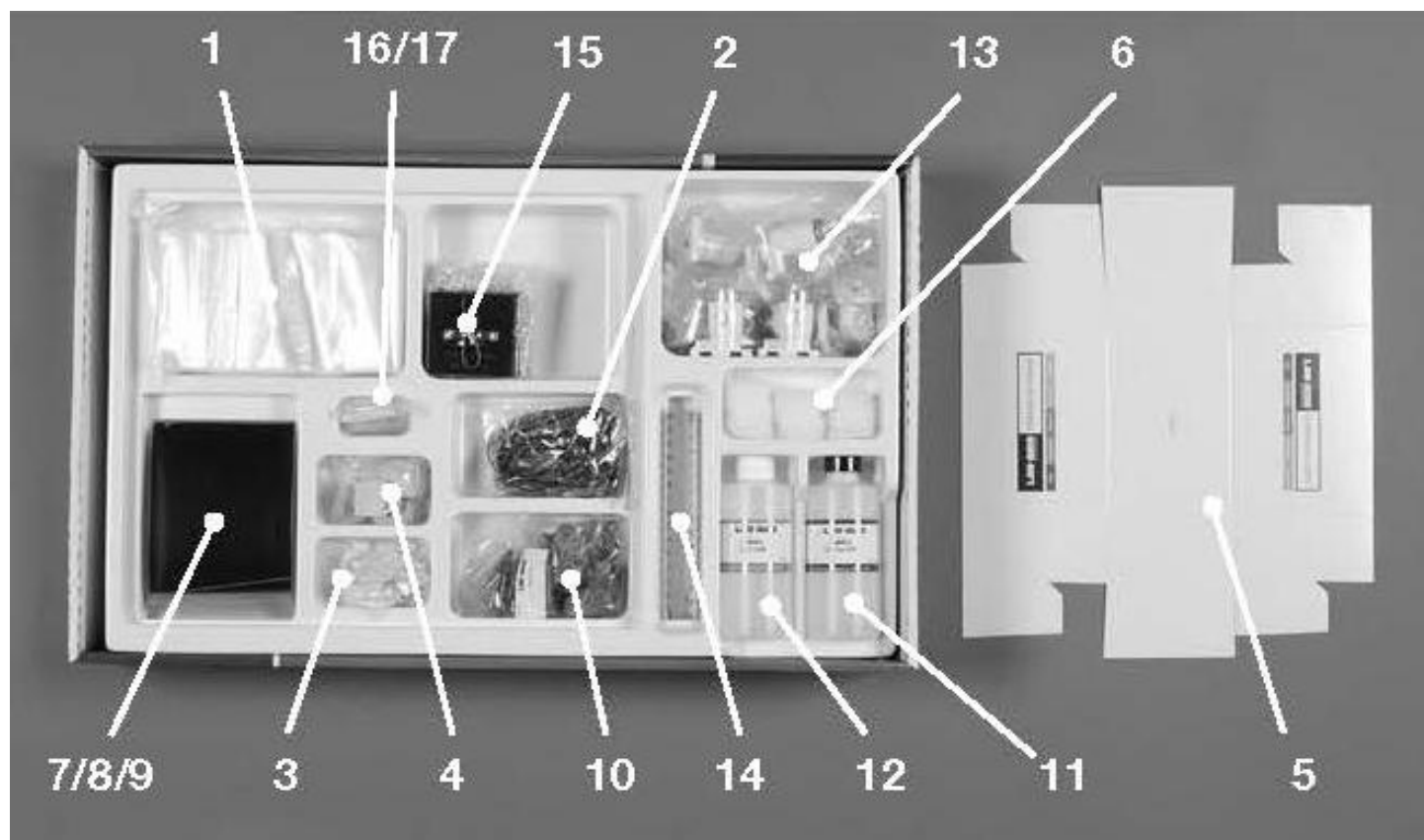
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Drawer 3 - Energy

Issues and Physical Science - Unit D - Energy							
NO.	QTY	Description	Item Number	Activity Used	Item Type	Material Instruction	Cost Each
1	100	Bags, resealable, 4" x 6"	C1-BX100	59, 60	Component	<i>Return Unused</i>	\$6.50
2	8	Battery assemblies with alligator clips	SS-1P37E	67	Component	<i>Return</i>	\$4.95
3	8	Blocks, 3/16" x 1" x 1", ceramic tile	CT-004	66	Component	<i>Return</i>	\$0.60
4	8	Blocks, 3/16" x 1" x 1", wood	WS-001B	66	Component	<i>Return</i>	\$0.60
5	16	Boxes, pre-folded	DC-36/60	70	Component	<i>Return</i>	\$0.80
6	16	Bulb Socket and Thermometer holders	RTC1-BTH	67	Component	<i>Return</i>	\$0.95
7	8	Film Sheets, clear PVC .010, 4" x 6"	VF-012A	70	Component	<i>Return</i>	\$1.25
8	8	Film Sheets, plastic reflective, 4" x 6"	HF-001A	70	Component	<i>Return</i>	\$2.05
9	8	Film Sheets, plastic tinted, 4" x 6"	FI-007B	70	Component	<i>Return</i>	\$3.25
10	8	Granite pieces	GR001	66	Component	<i>Return</i>	\$0.65
11	1	Luminol Activator solution, 180 ml	C1-1-42E	63	Component	<i>Return</i>	\$9.80
12	1	Luminol solution, 180 ml	C1-1-41E	63	Component	<i>Return</i>	\$9.80
13	9	Pumps, miniature	MP-001	69	Component	<i>Return</i>	\$5.95
14	8	Rulers, metric, plastic, 15cm	RU-003B	54, (69)	Component	<i>Return</i>	\$0.95
15	8	Solar cells	SC-001	68, (69)	Component	<i>Return</i>	\$6.95
16	8	Strips, 1/2"x1.5", Aluminum	C1-MSAX8	66	Component	<i>Return</i>	\$3.95
17	8	Strips, 1/2"x1.5", Polystyrene	C1-MSPX8	66	Component	<i>Return</i>	\$3.95

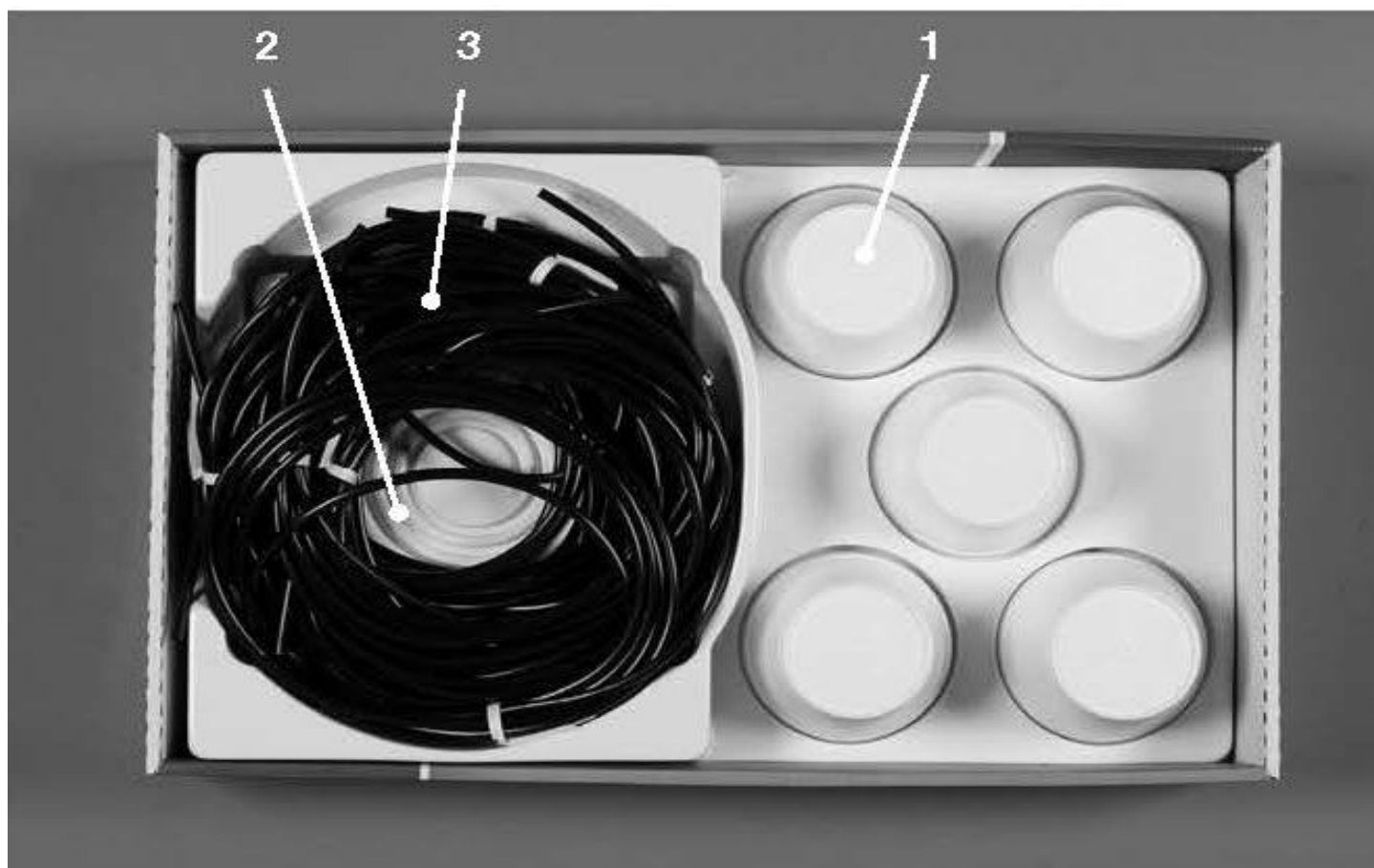
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Drawer 4 - Energy

Issues and Physical Science - Unit D - Energy							
NO.	QTY	Description	Item Number	Activity Used	Item Type	Material Instruction	Cost Each
1	9	Cups, styrofoam, squat, 16 oz	C1-16CX8	69	Component	<i>Return</i>	\$7.25
2	9	Tubing holders, spiral, Lab-Aids "Signature" items	RTU-003	69	Component	<i>Return</i>	\$3.50
3	9	Tubing, black, 12 foot coils	TU-004	69	Component	<i>Return</i>	\$3.50

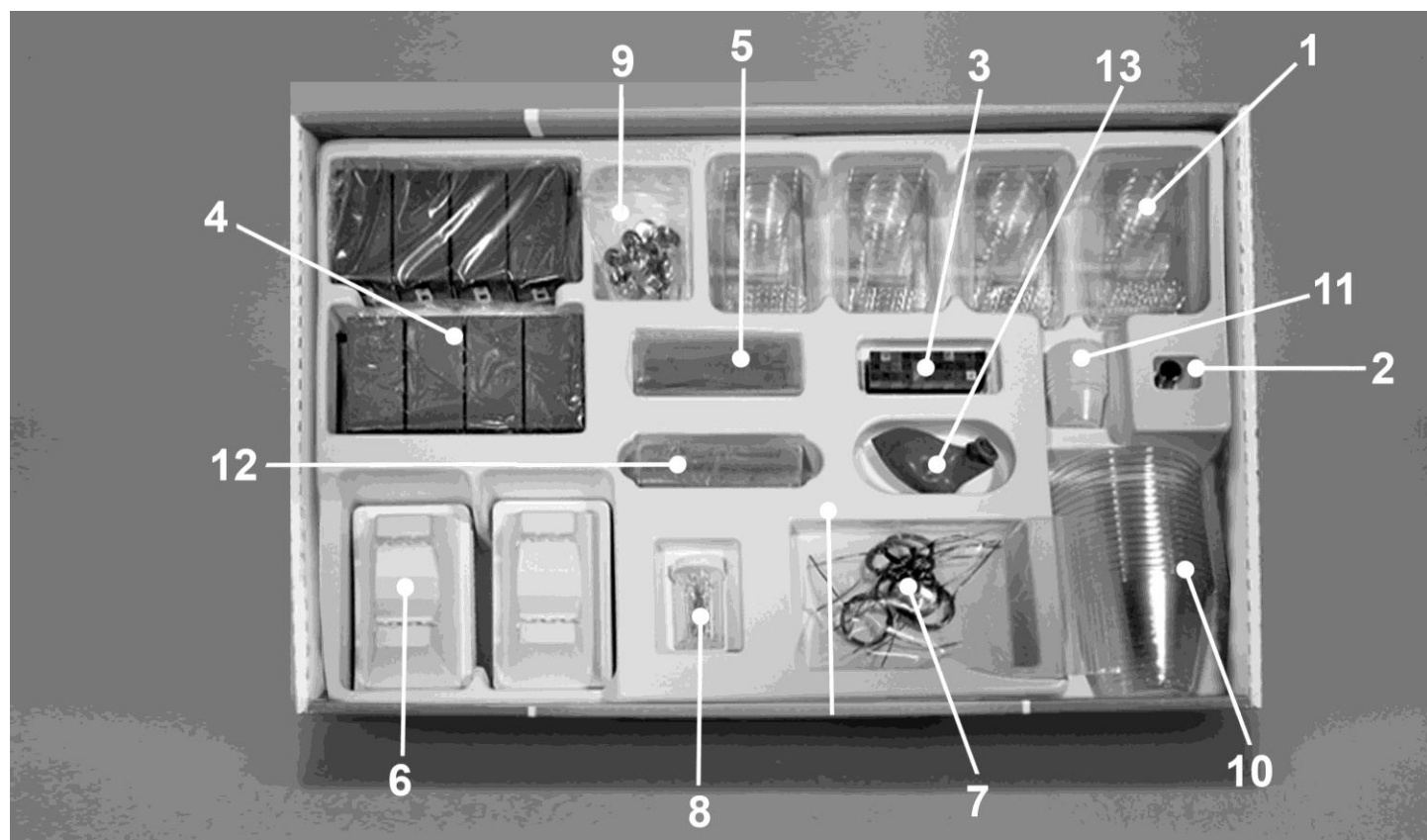
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Drawer 5 - Energy

Issues and Physical Science - Unit D - Energy							
NO.	QTY	Description	Item Number	Activity Used	Item Type	Material Instruction	Cost Each
1	16	Hot Bulb trays, Lab-Aids	V-206STRAY	67	Component	Return	\$7.25
2	6	Neodymium magnets	MA-018E	56A	Component	Return	\$3.95
3	32	Bar magnets	MA-018C	56A,65A	Component	Return	\$3.95
4	8	Battery holder, D-cell	BH-001B	56A	Component	Return	\$1.95
5	16	Copper support strips	WI-007B	56A	Component	Return	\$1.25
6	8	Motor Mounts, Lab-Aids	VMOMOUNT	56A	Component	Return	\$11.95
7	8	Wire Coils	WI-007A	56A	Component	Return	\$1.00
8	8	LED bulbs	LE-003	56A	Component	Return	\$2.95
9	16	Compasses, Navigational	CO-011A	56A	Component	Return	\$3.35
10	16	9-oz Plastic cups	TW-9CX16	56A,65A	Consumable	Return Unused	\$7.95
11	16	Small tasting cups	C1-TC250	65A	Consumable	Return Unused	\$6.95
12	1	Modleing Clay, stick	CL-013-1	65A	Consumable	Return	\$10.95
13	1	Balloon	BA-025	65A	Consumable	Return Unused	\$0.35

Please return ALL components and any UNUSED portion of consumables



Drawer 6 - Energy

Issues and Physical Science - Unit F - Waves

NO.	QTY	Description	Item Number	Activity Used	Item Type	Material Instruction	Cost Each
1	24	Phospho-boxes	PDC-ES01A	94, 95, 98	Component	<i>Return</i>	\$4.80

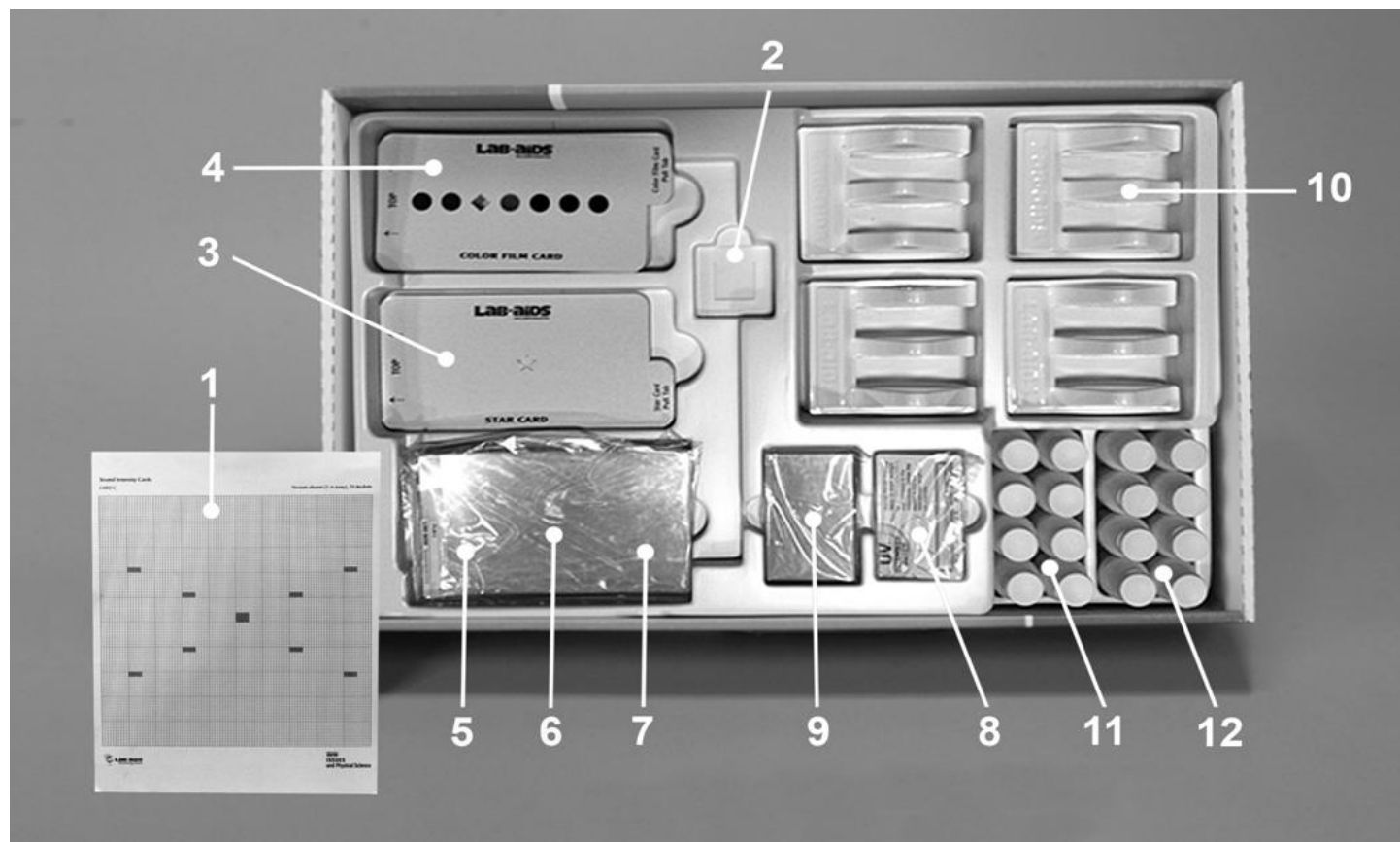
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Drawer 1 - Waves

Issues and Physical Science - Unit F - Waves							
NO.	QTY	Description	Item Number	Activity Used	Item Type	Material Instruction	Cost Each
1	8	Waves Sound Intensity card (set of 5)	IAPS-P53	89	Component	<i>Return</i>	\$12.95
2	1	Diffraction grating, square with frame	P10004	94	Component	<i>Return</i>	\$0.95
3	16	Cards with a star-shaped cut out, 1 set	PDC-ES03	94	Component	<i>Return</i>	\$0.95
4	16	Colored film cards, 1 set	PDC-ES02A	94	Component	<i>Return</i>	\$8.95
5	8	Film A plastic sheets	IAPS-P57A	95	Component	<i>Return</i>	\$3.25
6	8	Film B plastic sheets	IAPS-P57B	95	Component	<i>Return</i>	\$3.25
7	8	Film C plastic sheets	IAPS-P57C	95	Component	<i>Return</i>	\$3.25
8	24	UV cards	IAPS-P56	95, 97, 98	Component	<i>Return</i>	\$3.80
9	16	pieces of plastic [9x5.5 cm]	IAPS-P58	98	Component	<i>Return</i>	\$1.95
10	48	UV card holders	PA-004A	95, 97, 98	Component	<i>Return</i>	\$6.95
11	8	30 mL bottles of SPF 30 sunblock lotion	IAPS-B28	98	Consumable	<i>Return Unused</i>	\$8.95
12	8	30 mL bottles of moisturizing lotion	IAPS-B29	98	Consumable	<i>Return Unused</i>	\$8.95

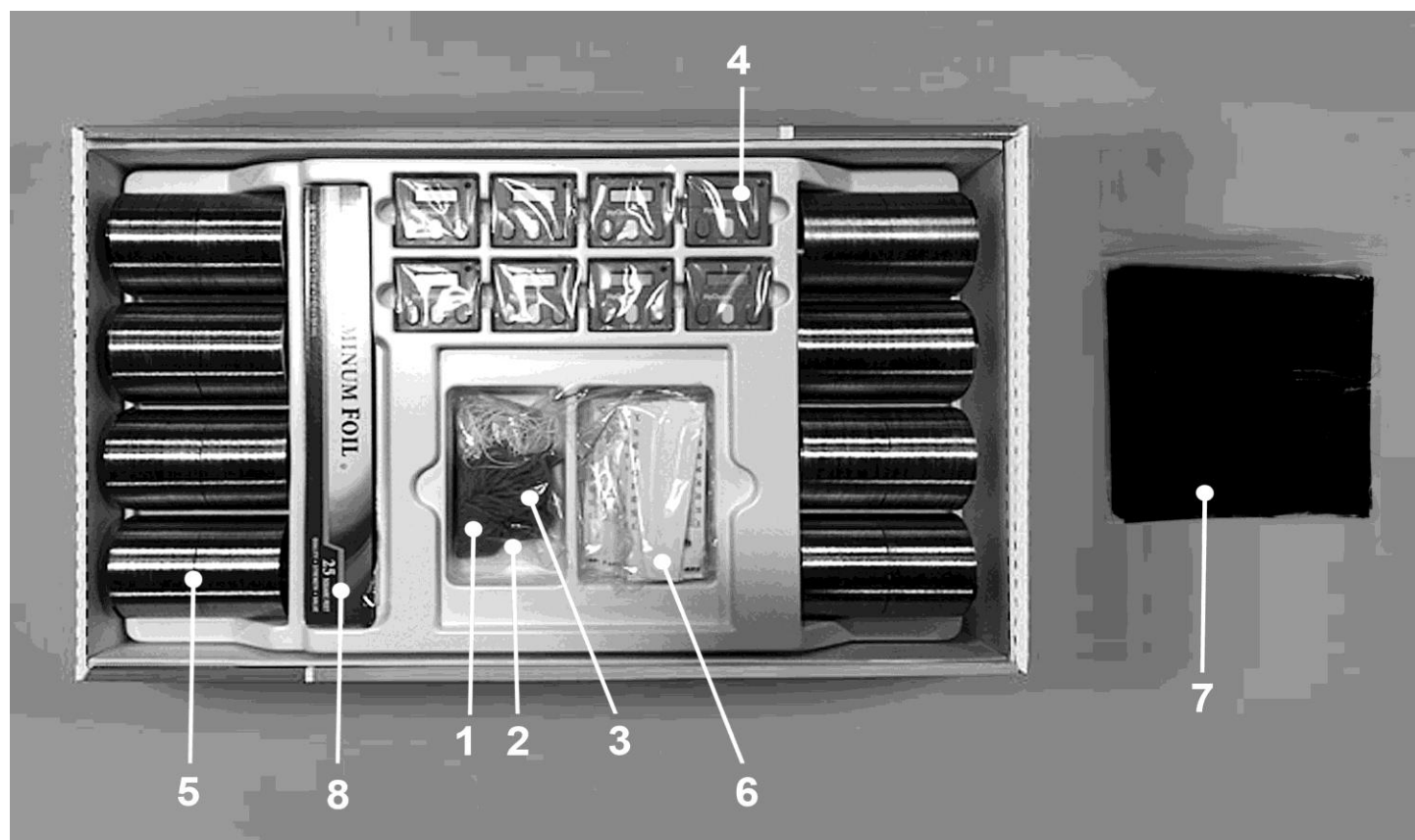
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Drawer 2 - Waves

Issues and Physical Science - Unit F - Waves							
NO.	QTY	Description	Item Number	Activity Used	Item Type	Material Instruction	Cost Each
1	8	Metal washers, 1.5" OD, 5/8" ID	WA-002B	90	Component	<i>Return</i>	\$3.50
2	8	1.5 meter lengths of yarn	YA-001A	90	Consumable	<i>Return</i>	\$0.99
3	8	50 cm lengths of thick string	ST-019	90	Consumable	<i>Return</i>	\$0.99
4	8	Timers, MyChron®	SW-005	90, 94, 95, 97	Component	<i>Return</i>	\$8.75
5	8	Long metal springs, 3x4"	SP-009A	91	Component	<i>Return</i>	\$3.95
6	24	Thermometers	TH-010	95, 97	Component	<i>Return</i>	\$8.95
7	16	Black cloth pieces	IAPS-P54	97	Consumable	<i>Return</i>	\$0.99
8	1	Aluminum foil roll	IAPS-P55	97	Consumable	<i>Return</i>	\$3.00

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Drawer 3 - Waves