

KIT: ELECTRICITY, WAVES, & INFORMATION TRANSFER

KIT # _____

TUB: 1













Please contact the materials manager with any questions or problems you might have concerning this module or for any missing or damaged items within this module. Be sure to note the assembler's initials when reporting issues. You will be held responsible for returning the materials below that have not been consumed during the activities.





Remarks: _____

Phone: (205) 348-0294

Fax:

E-mail: materials.uauwa@amsti.org

PRODUCT ID	BIN LOCATION	MATERIAL	SIZE	QUANTITY	ASSEMBLER	TEACHER RECEIVED	TEACHER RETURNED	RETURN INSPECTION
 1 0 1 0 9	03-219	Binder Clip	medium	16				
 1 1 8 3 9	48-502	Book: Student Guide - "Electricity, Waves, & Information Transfer"		16				
 1 0 1 6 0	04-206A	Bulb	6.3 volt, .5 amp	20				
 1 0 5 5 5	03-220B	Bulb - "Grain-of-Wheat"	1-3 volt activation level	20				
 1 1 8 6 5	08-210	Cable - Fiber Optic	1 m	16				
 1 1 8 6 0	10-201B	Capacitor - Tokin	1.0 f, 5.5 v	12				
 1 1 9 5 6	05-219B	Compass - Liquid-filled		8				
 1 1 8 7 4	10-206A	Filter - Gel - Red	7.5 x 7.5 cm	20				
 1 1 8 6 9	10-110	Generator - Hand Operated		1				
 1 1 4 5 8	14-209A	Laser Pointer		1				
 1 0 6 4 2	16-214B	Mirror	4" x 6"	8				
 1 1 8 3 0	16-220B	Mirror Clip		36				

 2 0 6 8 8	17-108	Paper - Copy - White	8½" x 11"	30				
 1 1 8 6 4	30-215B	Pipe - Light - Acrylic	½" x 24"	1				
 1 1 9 5 7	19-209B	Prism - Rectangular	75 x 50 x 15mm	8				
 1 0 1 5 5	27-302	Tote Tray - Plastic - Clear (without hole & with lid)	12 quart (16"x11"x6")	4				



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 1 1 8 3 9	48-502	Book: Student Guide - "Electricity, Waves, & Information Transfer"		16				
 1 1 9 6 1	07-204	Bottle - Nalgene	250 ml	2				
 1 0 1 6 6	04-219	Bulb Holder	6 volt	20				
 1 1 8 7 0	05-216B	Chain - Beaded	5'	8				
 1 1 9 6 4	11-218B	Film - Diffraction		12				
 1 0 5 8 7	15-203B	Magnet - Bar - Flexible (with hole)	3/4" x 1"	32				
 2 1 4 8 2	08-202	Motor - DC		16				
 1 0 6 6 3	17-205B	Nail - Common	12-D	15				
 1 0 3 0 7	10-204B	Pliers - Cutting		1				
 1 1 9 6 0	17-206C	Potentiometer	5k ohm	2				
 1 1 8 5 5	12-215B	Propeller - Plastic (fan blade)	4"	12				
 1 1 8 5 6	21-214A	Resistor	10 ohm, 1/2 watt	24				

 1 1 8 5 7	21-214B	Resistor	15 ohm, ½ watt	12				
 1 1 9 5 8	22-204A	Resistor	12 ohm, ½ watt	12				
 1 1 9 5 9	22-204B	Resistor	18 ohm, ½ watt	12				
 2 0 8 3 3	53-206B	Rubber Band	#16	300				
 1 1 3 0 9	22-218A	Screwdriver Set - Precision	set of 5	1				
 1 0 9 7 7	22-219	Strip - Copper (PLEASE RETURN)	¾" x 5¼" x 3/64"	16				
 1 0 9 7 8	27-220A	Strip - Zinc (PLEASE RETURN)	¾" x 5¼" x 3/64"	16				
 1 1 0 4 9	55-212	Thermometer - Digital (with battery)		16				
 1 0 1 5 5	27-302	Tote Tray - Plastic - Clear (without hole & with lid)	12 quart (16"x11"x6")	4				
 1 1 8 6 3	09-218B	Tuning Fork - High Pitch	512 C	8				
 1 1 8 6 2	09-218A	Tuning Fork - Low Pitch	256 C	8				
 2 1 4 8 3	23-204A	Wire - Copper - Bare - #20	50'	2				
 2 1 4 8 4	23-203A	Wire - Enameled - #28	75'	8				
 2 1 6 0 9	09-219B	Wire - Nichrome - #20		2				
 2 1 6 7 8	22-216B	Wire - Nichrome - #22		2				



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 2 0 0 1 0	01-107	Aluminum Foil	12" x 25' roll	1				
 1 0 0 9 2	02-109	Battery Holder - Plastic	D-Cell	24				
 2 0 2 0 3	05-210	Chipboard - Fine	8½" x 11"	10				
 1 0 2 1 8	08-204	Connector Wire - Black or Red (with alligator clips)	14"	80				
 2 0 2 5 3	08-107	Cotton Balls	pack of 300	1				
 2 0 2 8 1	35-206	Cup - Plastic	10 oz	60				
 1 0 4 6 1	13-208B	Hole Punch		8				
 2 0 6 7 2	17-210	Note Pad - Adhesive - Yellow	3" x 3"	4				
 2 0 2 2 1	08-102	Paper - Construction - Black	9" x 12"	50				
 2 0 2 2 7	08-105	Paper - Construction - White	9" x 12"	50				
 2 0 6 9 2	17-218	Paper Clips - Jumbo	pack of 100	1				
 2 0 2 1 5	18-102	Pencils - Colored - Multicolor	set of 12	8				

 1 1 9 6 2	27-105	Radiation Can Set: Black Can		8				
 1 1 9 6 3	27-101	Radiation Can Set: Silver Can		8				
 1 0 8 3 9	21-108	Ruler - Plastic	12"	8				
 1 0 8 5 9	22-105	Scissors	adult	8				
 1 1 7 3 9	28-209A	Solar Cell (with leads)		2				
 1 1 9 6 7	15-102	Switch - Knife - Double Throw - Single Pole		12				
 1 0 5 1 5	14-106	Switch - Knife - Single Throw - Single Pole		8				
 2 1 0 2 6	29-105	Tape - Masking	3/4"	8				
 1 1 0 5 7	30-105	Timer - Student		8				



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 2 1 6 7 7	55-203	Chemical: Copper II Sulfate Pentahydrate	250 g	3				
 2 1 6 0 7	10-305	Foam Board	10" x 12"	16				
 2 1 6 3 9	15-220	Light Transmission Set: Acrylic - Red	3" x 3"	8				
 2 1 6 3 1	15-220	Light Transmission Set: Bag - Paper - Brown		8				
 2 1 6 4 1	15-220	Light Transmission Set: Bag - Plastic - Resealable	9" x 12"	8				
 2 1 6 3 8	15-220	Light Transmission Set: Colorplast - Natural	3" x 3"	8				
 2 1 6 3 3	15-220	Light Transmission Set: Filter - Gel - Green	7.5 x 7.5 cm	8				
 2 1 6 3 0	15-220	Light Transmission Set: Foil - Aluminum	5" x 5"	8				
 2 1 6 3 2	15-220	Light Transmission Set: Lens - Prismatic Light	3" x 3"	8				
 2 1 6 4 0	15-220	Light Transmission Set: Pet-G - Clear	3" x 3"	8				
 2 1 6 3 5	15-220	Light Transmission Set: Slide - Plastic		8				
 2 1 6 3 6	15-220	Light Transmission Set: Tagboard	2" x 7"	8				

 2 1 6 3 7	15-220	Light Transmission Set: Tissue - KimWipe		8				
 2 1 6 3 4	15-220	Light Transmission Set: Transparency		8				
 2 0 1 2 2	02-214	Paper - Blotter - 100#	9½" x 11"	5				
 2 0 8 5 3	22-103	Sand Paper - Coarse (60 grit)	9" x 11"	4				
 1 0 9 0 4	23-101	Slinky (large metal spring)		8				
 1 1 1 0 8	30-109	Vial - Plastic - Clear	30 dram	16				

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 1 1 8 7 2	01-304	Ammeter	0 - 500 mA	8				
 2 0 0 8 4	55-205B	Battery	AA	4				
 1 0 1 3 8	04-106	Bookend (with nonslip base)		16				
 1 0 4 4 6	13-110	Cylinder - Graduated	100 ml	1				
 1 1 8 7 3	16-302	Motor Mount - Fan		8				
 1 1 2 1 9	23-203B	Radio - Portable		1				
 2 1 6 7 9	23-205	Radio - Portable (to disassemble)		2				
 1 1 9 6 5	21-218B	Remote Control - Universal		1				
 2 1 6 8 0	21-216A	Remote Control - Universal (to disassemble)		2				
 1 1 1 2 7	29-109	Voltmeter	0-5 volt scale	8				



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 2 0 0 8 6	55-102	Battery	D	40				
 1 1 6 6 2	04-105	Bulb - Halogen - Frosted/Soft White	72 watt	8				
 1 0 3 9 8	11-105	Flashlight	D-Cell	8				
 1 0 5 2 2	14-109	Lamp - Clamp - Flexible		8				
 2 1 2 7 4	19-302	Paper Towels (standard weight)	roll	1				
 1 0 8 0 5	21-105	Radiometer		1				