

DEPARTMENT 23

ELECTRICITY

<u>Lot#</u>	<u>1st</u>	<u>2nd</u>	<u>3rd</u>	<u>4th</u>
	\$3	\$2.75	\$2.50	\$2.25

Class A - Magic of Electricity (Grades 4 - 5)

- 1 Display of different types of wire
- 2 A simple circuit
- 3 A simple switch
- 4 Conductor/insulator tester
- 5 Display of 10 materials indicating if a magnet will or will not attract material
- 6 Electro-magnet
- 7 Galvanometer
- 8 Electric motor
- 9 Poster on first aid for victims of electrical shock
- 10 Poster on an electrical hazard hunt you did, identify corrections made
- 11 Poster on parts of simple fuse
- 12 Poster on parts of a light bulb

Class B - Investigating Electricity (grades 6 - 7)

- 1 Circuit diagrams with explanation
- 2 Series circuit
- 3 Parallel circuit
- 4 Momentary switch
- 5 Three way switch
- 6 Soldered connections
- 7 Rocket launcher
- 8 Burglar alarm
- 9 Electric question board
- 10 Any other not listed above

Class C - Wired For Power (Grades 8 & up)

- 1 Electrical tool and supply kit
- 2 Display of symbols on wires and cables and their meanings
- 3 Display of light bulbs and the jobs they do best
- 4 How to interpret an appliance nametag
- 5 A chart showing the electrical usage of an appliance
- 6 How to replace a switch
- 7 Display showing different types of fuses
- 8 Light duty extension cord
- 9 Heavy duty extension cord
- 10 Any other homemade piece of electrical equipment
- 11 Any other item not listed above