General H.H. Arnold High School
Programs in Technology Education

Applied Electricity and Electronics

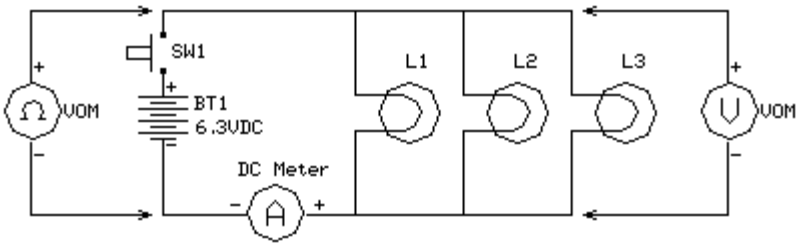
Ohm's Law

PERFORMANCE TEST

INSTRUCTIONS: Build this circuit and complete the tables. All values are measured values. You must show the instructor the completed circuit and demonstrate how you got your results. Attach this sheet to your technical report and turn it in.

REQUIRED MATERIALS: Laboratory Instrument System, Konnect-All Board, Electrical Parts Box, Hookup Wire, and Calculator.

I	
E	
R	
P	



I	E	R	P
1A		100 Ohms	
	12VDC	2.2K Ohms	
.68A			75W
100mA	6.3VDC		
	3VDC		9mW
20mA		4.7K Ohm	
	9VDC	1K Ohm	
500mA			20mW
.07mA	6VDC		
	20VDC		1W

Name _____ Period _____