

ID Card		Complex	# EE-AP-MD-MB-001
X	Project	Basic Principles	Advanced Principles
X	Experiment	Series and Parallel	Resistance
Key Takeaways		What is a series circuit versus a parallel circuit? How does resistance impact the circuit?	

Registered Non-Profit In IA
 IRS Tax Exemption in Process!



Building A Better Tomorrow!™

Circuits and Resistance

Motors and Lights

What is resistance?

How does it impact any type of flow?

What happened to the speed of the motor when you built the circuit in series?

What happened to the speed of the motor when you built the circuit in parallel?

Why do you think this is happening?

Draw a picture of the experiment!

Where can you see this in real life?

Is there a benefit of series circuit vs. parallel circuit?