

# Build an Electronic Quiz Board Worksheet

## Order Form

Item	Quantity	Unit Price	Total Cost
Manila folder		\$5.00 each	
Paper clip		\$1.00 each	
PVC-insulated wire		\$1.00 per cm	
Battery, 1.5-V in holder		\$50.00	
Light bulb in receptacle		\$35.00	
Connector cord with alligator clips		\$10.00 each	
Paper with quiz items		Free	
		<b>Total</b>	

## Post-Lab Questions

- In the *Introductory Activity*, why didn't the lightbulb light when the alligator clip was connected to the insulated part of the wire?
  
- What was the most challenging part of designing the quiz board?
  
- Evaluate your final design solution.
  - How successful were you at staying under budget?
  
  - What improvements would you make if given the time and additional materials to redesign the electronic quiz board?