Na	me: HV	HW Unit 9:3 — Matching Circuit		A-day: Due Thurs., 3/22 (Assig: 3/20) B-day: Due Fri., 3/23 (Assig: 3/21)			
Per	iod:	Mr. Murray, IPC cstephenmurray.com					
1.	About the matching circuit: A) What did we use for wires? B) What did we have to put over the wires? C) Why?		2.	2. Can electricity flow thru insulators?			
			3.	Can electricity flow	tricity flow thru conductors?		
			4.	<ul><li>4. When you put your hand near (but not touching) a wall electrical outlet, do you get electrocuted?</li><li>5. So, is air an insulator or conductor?</li></ul>			
			5.				
	D) What would happen if our wires didn't have	if our wires didn't have insulation	6.		ing circuit, if there is a gap or a break somewhere in ill the light bulb light up?		
	around them?		7.	If the light bulb ligh circuit or an incomp	o lights up, does that mean that there is a complete complete circuit?		
	E) What two other parts did we have in the circuit?		8.	If you put the wires the light bulb would	the wires on the back correctly, give one reason why oulb wouldn't light.		
10	Let's start learning a bit more about circuit by a know about water.  Imagine pipes with water flowing thru them. We circuit allows electrons to flow thru the circuit?  To make water flow thru pipes, there must be a the water thru. What in our circuit pushed elect circuit (what starts the electrons moving)?  If our water pipes have a bigger pump the water increase. Will more or less water flow thru the	That in our pump to push rons thru the	14. n 15.	In your house, what I what causes your light	pipe, making it skinnier, water go thru the pipes?  kind of device turns water of the kind of device turns electrice ghts to turn on)?  rder, does the water in the p	city on and off	
12	. If you have less pressure the amount of water florease or decrease?	owing will in	I <del>-</del>				