	Unit 5E Current Elect	Name: tricity	
gpb.org/physics-motion	Note-Taking	Guide Date:	
gpb.org/physics-motion Main Ideas, Key Point Questions: After watching the video segment, v down key points, main ideas, and bi questions.	ts, <i>Understa</i> <i>vrite</i>	etive(s): and how and why charges move in a conductor. ectrical circuit concepts of voltage, current, and resistance.	, or
		<i>write at least three sentences explaining what you learned.</i> g to explain this to someone else, what would I say?"	

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Unit 5E Current Electricity Questions to Consider

Date:

Name:

Answer the following.

- 1. Why do we say that electrons move in metal conductors but protons do not?
- 2. What creates "pressure" in a wire, pushing charge along? (Circle one.)
 - a. current
 - b. resistance
 - c. voltage
- 3. How does current flow in a circuit? (Circle one.)
 - a. from higher to lower potential
 - b. along an equipotential line
 - c. from lower to higher potential
 - d. perpendicular to the electric field
- 4. Electrons in a live wire move really slowly you could easily outwalk them! But when you turn on a light switch, the bulb instantly lights up. Why?

5. What causes a wire to get hot when it is conducting a charge?

6. Ohm's law explains the relationship between what three quantities? State Ohm's law in your own words.

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