	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?"	

Unit 5E_Notes and Questions STUDENT Copyright © 2018 Georgia Public Broadcasting. All rights reserved. Use or distribution by an unintended recipient is prohibited.



Unit 5E Current Electricity Questions to Consider

Date:

Name:

- 1. Why do we say that in metal conductors, electrons move but protons don't?
- 2. What is it that creates 'pressure' in a wire, pushing charge along? (Circle one)
 - a. Current
 - b. Resistance
 - c. Voltage
- 3. Current in a circuit flows (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. When a wire gets hot, what is happening microscopically that causes this?

6. What three quantities does Ohm's Law connect together? State Ohm's Law in your own words.