

Article-Based Observation

Directions: After reading the article "[Charging the future](#)," answer these questions:

1. According to materials scientist George Crabtree, how did the lithium-ion battery transform personal electronics?
2. What are current and potential future applications of batteries? Describe an environmental benefit to a future application.
3. How does a battery produce electricity? How does a battery recharge?
4. What is the best existing battery type, according to the article, and what is an advantage and disadvantage of it?

