The Shocking World of Electricity with MaxAxiom Super Scientist

Discussion Guide

Grades 3-7

Before Reading: to activate schema, build background knowledge, and set a purpose.

- Activate prior knowledge: What do you about electricity? Use RIF's KWL chart as a whole class, in small groups, pairs, or independently.
- Take a picture walk to observe the unique text features of this graphic nonfiction book. This book includes graphics like a superhero comic, but also includes informational text features such as a table of contents, glossary, and index.
- Frontload vocabulary: electricity, electron, nucleus, proton

During Reading: to engage students, check for understanding, and make connections.

- Why do you think Max Axiom receives a shock from the doorknob?
- How can you make electrons jump from one atom to another?
- What are the different energy sources that Max Axiom explores?
- Why are electrical wires made from copper?
- What is the purpose of insulators?
- What are resistors? Why are they in every electrical device?
- Why should we conserve electricity?

After Reading: to summarize, question, and reflect.

- Complete the "Learned" column of the KWL chart.
- Have your students create their own superhero and graphic nonfiction texts around the topic of electricity.
- Have your students create a timeline on the history of electricity.

If your students enjoyed this book...

- Check out RIF's Sustainable Futures center to learn more about energy with related books and resources.

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