References and Resources

STUDENT RESOURCES

Awesome Experiments in Electricity and Magnetism
Michael A. DiSpezio. Sterling, 2006.

The Battery (Discovery Box Series)
Gallimard Jeunesse. Scholastic, 1998.

Electricity
Claire Llewellyn. Sea to Sea Publications, 2004.

Electricity and Magnetism (Fact Finders Series)
Mike Clemmet. BBC Books, 1999.

Electricity and Magnetism (Interfact Series)
Margaret Whalley and Kate Graham. T&N Children's, 2004.

Electricity & Magnetism (Science Topics Series)
Chris Oxlade. Heinemann, 1999.

Electricity (Science Projects)
Simon De Pinna. Raintree, 1998.

How Ben Franklin Stole the Lightning
Rosalyn Schanzer. HarperCollins, 2002.

The Lightbulb (Turning Point Inventions)
Joseph Wallace. Atheneum, 1999.

Thomas Edison (History Maker Bios Series)
Shannon Zemlicka. Lerner, 2004.

TEACHER RESOURCES

Benjamin Franklin: Inventing America
Edwin S. Gaustad. Oxford University Press, 2004.

Electricity and the Lightbulb (Great Inventions Series)
James Lincoln Collier. Benchmark Books, 2005.

Electricity & Magnetism (Hands-On Science Series)
Joel Beller and Kim Magliore. Walch, 2000.

Taking Charge: An Introduction to Electricity
Larry E. Schafer. NSTA Press, 2000.

Thomas Edison: Inventor of the Age of Electricity (A Lerner Biography)
Linda Tagliaferro. Lerner, 2003.

Waves: Principles of Light, Electricity, and Magnetism (Secrets of the Universe Series)
Paul Fleisher. Lerner, 2001.

INTERNET RESOURCES

Preview websites ahead of time to determine whether they are appropriate for your students' needs. You may also wish to research other related websites. A good place to start is the ***National Science Teachers Association*** *website: http://www.nsta.org/recommendedsites.*

Boston Museum of Science, Theater of Electricity
http://www.mos.org/sln/toe/

The Exploratorium: Snacks about Electricity
http://www.exploratorium.edu/snacks/iconelectricity.html

The History of the Integrated Circuit
http://nobelprize.org/physics/educational/integrated_circuit/history/index.html

IEEE Virtual Museum: The history and social impacts of electricity, electronics, and computers
http://www.ieee-virtual-museum.org/

Institute of Electrical and Electronics Engineers (IEEE)
http://www.ieee.org/portal/index.jsp

Interactive Java tutorials on topics in Electricity and Magnetism
http://micro.magnet.fsu.edu/electromag/index.html

Massachusetts Institute of Technology Invention Dimension
http://web.mit.edu/invent/invent-main.html

Nikola Tesla: Master of Lightning
http://www.pbs.org/tesla/index.html

Smithsonian Institution: Industry, Machines and Electricity
http://www.si.edu/science_and_technology/industry_machines_and_electricity/

The Transistor in a Century of Electronics
http://nobelprize.org/physics/educational/transistor/history/index.html