

## Book List

### Elementary

The Magic School Bus and the Electric Field Trip by Joanna Cole

Grade Level: 2-5

Oscar and the Bird: A Book about Electricity by Geoff Waring

Grade Level: Preschool – 3

Charged Up: The Story of Electricity (Science Works) by Jacqui Bailey

Grade Level: 2-6

What is Electricity? By Lisa Trumbauer

Grade Level: 1-2

All About Electricity by Melvin Berger

Grade Level 1-2

When Charlie McButton Lost Power by Suzanne Collins

Grade Level: K-3

Switch On, Switch Off by Melvin A. Berger

Grade Level: K-3

Electric Ben: The Amazing Life and Times of Benjamin Franklin by Robert Byrd

Grade Level: K-3

Blackout by John Rocco

Grade Level: PreK-K

### Middle School, High School and Beyond

The Electric War: Edison, Tesla, Westinghouse and the Race to Light the World by Mike Winchell

Grade Level: 7-12

The Boy Who Harnessed the Wind: Creating Currents of Electricity and Hope by William Kamkwamba & Bryan Mealer

Lights Out: A Cyberattack, A Nation Unprepared, Surviving the Aftermath by Ted Koppel

The Grid: The Fraying Wires Between Americans and Our Energy Future by Gretchen Bakke, PhD

Tesla: Inventor of the Electrical Age by W. Bernard Carlson

Elon Musk: Tesla, SpaceX and the Quest for a Fantastic Future by Ashlee Vance

## **Experiments/Projects**

Awesome Robotics Projects for Kids: 20 Original STEAM Robots and Circuits to Design and Build by Bob Katovich

Grade Level: Kindergarten - 5

Awesome Engineering Activities for Kids: 50+ Exciting STEAM Projects to Design and Build by Christina Schul

Grade Level: 3-4

Electronics for Kids: Play with Simple Circuits and Experiment with Electricity! By Oyvind Nydal Dahl

Grade Level: 5-6

Thomas Edison Book of Easy and Incredible Experiments by James G. Cook

Grade Level: 5-12