Towner Award Nominee Books 2015

Electrical Wizard: How Nikola Tesla Lit Up the World by Elizabeth Rusch Illustrations by Oliver Dominguez	Publisher: Candlewick Press, Somerville, MA. 2013 Genre/type: Biography, storybook format	Curriculum Connections: Electricity, magnets, physical science, alternating current vs. direct current, Nikola Tesla vs. Thomas Edison, inventions, patents/copyright, science fairs, revolutionary ideas, biographies Features: Illustrations, storybook format, index with specifics of Tesla's life work, index of scientific notes & diagrams of AC & DC currents, bibliography & further reading.

As a young boy, Nikola Tesla had ideas ahead of his time. Tesla developed electricity using an alternating current that was safer and cheaper than the direct current developed by his hero-turned-rival Thomas Edison. A beautifully illustrated book in a story-telling, read-aloud format.

Following are suggested resources for text-sets targeting the possible curriculum connections above.

Books:

Author	Title/Publisher	Grade Levels	Comments	ISBN/Publication Date
Helfand, Lewis Genre/type: Graphic Novel (biography)	***The Wright Brothers*** Kalyani Navyug Media Pvt. Ltd.	3-8	This memorable graphic novel, tells the story of the Wright Brothers, their trials and tribulations growing up, becoming inventors, and their life after their airplane invention. They struggled to patent and gain credit for their invention, just like Nikola Tesla. The drawn visuals throughout the book help students quickly learn about the Wright brothers (in about 30-60 min.) and help the facts stick with you.	978-9380028460 c2011
Kamkwamba, William Genre/type: Biography, storybook format	***The Boy Who Harnessed the Wind*** Dial Books for Young Readers	2-6	As a young boy, William Kamkwamba's village in Malawi, Africa experienced a drought. When everyone's crops began to fail, William spent his days in the library and figured out how to bring electricity to his village. Using junkyard scraps, he built a functioning windmill, and thus became the local hero who harnessed the wind.	978-0803735118 c2012

Websites and Online Magazines:				
Name of Site	**Address**	**Grade Levels**	**Comments**	**Publisher/Creator**
Magnet Lab: The Center for Integrating Research and Learning	http://www.magnet.fsu.edu/education/students/kidswebresources.html	4-6	This webpage is a hub of resources for students regarding Electricity, Magnetism, and other science topics.	Florida State University/Los Alamos National Laboratory/ University of Florida, 2014
Academy of Energy	http://www.academyofenergy.org/	4-6	This webpage has interactive features about energy conservation for students and teachers.	Johnson Controls/ National Energy Foundation, 2013
Kids' Corner: Electricity	http://kids.saveonenergy.ca/en/what-is-electricity/	3-6	This just-for-fun webpage for kids has a lot of interactive electricity activities.	Ontario Power Authority, 2014