

# Industrial Revolution

Unit Goal: For 6th grade Gifted classes this unit will examine the Industrial Revolution of the 19th century that will later be compared to the Digital Revolution of the 21st century. Students will use these materials to discover the technologies and social forces that inspired the industrialization of the United States. They will evaluate the impact of the Industrial Revolution and explain how it created the modern world we live in. As a summative project, students will chose either, an innovation or person or group of people to investigate and then create a project demonstrating their knowledge. Essential questions: How did the Industrial Revolution shape the modern world? What were the technological innovations of the Industrial Revolution? What was the impact of the IR on society? Who were the winners and losers of the IR?

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ABC Clio American History Database  
Industrial Revolution  
<https://americanhistory.abc-clio.com/Topics/Display/5>

This database entry is an extensive, high level, information rich introduction to the Industrial Revolution in US. The introductory article to be used as an anchor text. The entry includes links to primary sources and related articles within the database.

Biography.Com Captains of Industry videos  
<http://www.biography.com/people/groups/captains-of-industry>

From the Biography Channel series these are full length (45 min.) video biographies of well known American industrialists who created and capitalized during the "Gilded Era", i.e. Rockefeller of Standard Oil, J.P. Morgan, Vanderbilt and Carnegie. These can be used for whole class viewing or for in...

Industrial Revolution: Cornerstones of Freedom  
<http://freedomflix.digital.scholastic.com>

This Scholastic database has a wealth of information and formats to begin and enrich this unit of study. There is a short introductory video and an in-depth e-book to read or listen to explaining the origins of the IR in Great Britan and its arrival in the US. There are links to Grolier encycloped...

How Stuff Works: Science Top 10 Inventions of the Industrial Revolution  
<http://science.howstuffworks.com/innovation/inventions/5-industrial-revolution-inventions.htm>

Respected authors, Jonathan Atteberry and Marianne Spoon list of short linked articles on the medical, industrial, and cultural "inventions that made this epoch unique." This article is a good scaffolding introduction and place for more extended research with links to related articles.

BBC Bitesize History-overview of Industrial Revolution consequences  
[http://www.bbc.co.uk/bitesize/ks3/history/industrial\\_era/the\\_industrial\\_revolution/revision/1/](http://www.bbc.co.uk/bitesize/ks3/history/industrial_era/the_industrial_revolution/revision/1/)

Comprehensive website from BBC that focuses primarily on beginning of IR in Great Britain but useful as scaffold to big ideas includes articles, activities, videos and interactive quizzes.

NYPL Digital Collections- Industrialization  
<http://digitalcollections.nysl.org/collections/industrial-america-or-manufacturers-and-inventors-of-the-united-states#/?tab=about>

Collection of primary sources including photographs, portraits of early industrial sites and inventors and manufacturers. Can be viewed in book format. Used to model primary source observation skills and for individual research

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## NYPL Digital Collection Child Labor

<http://digitalcollections.nypl.org/items/510d47d9-a9ac-a3d9-e040-e00a18064a99/book?parent=a675d330-c6cc-012f-0cfa-58d385a7bc34#page/11/mode/2up>

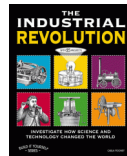
A digital collection of the photographs of child workers by Louis Hines and others that documented and advocated for the legislation against child labor. This collection can be used for whole class and individual primary source evidence. Each photo is identified and cited.



## Lyddie

Katherine Paterson.

Modern fiction classic of child labor in the New England mills 1850's. Certain chapters of this audio version can be listened to by the whole class or downloaded on devices for individual immersion, augmented by hard copies.



## The Industrial Revolution

Carla Mooney ; illustrated by Jen Vaughn

Text focused on science and technology that enabled the IR. To be used as an introductory text includes timelines, relevant vocabulary in each chapter. Hands on extension projects throughout. Special emphasis on chapter 7: Captains of Industry as introduction to important people. includes extens...



## The Industrial Revolution for kids

Cheryl Mullenbach.

This well written and researched overview can be used as introduction as well as an immersive text experience. There are 21 hands on activities, ranging from creating diary entries to building a motor, that could be used to foster creative projects.