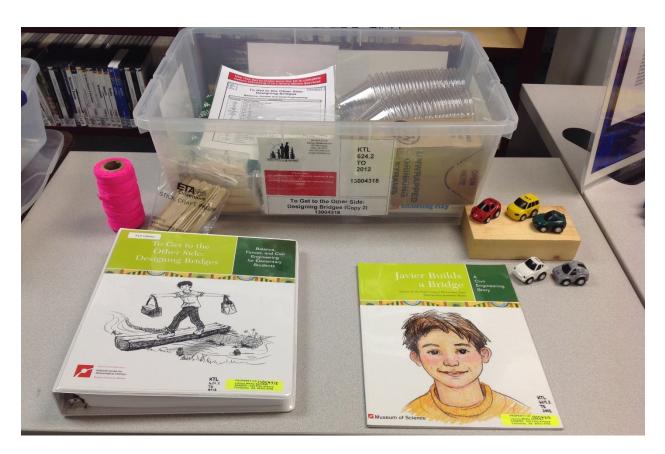
Kit Exploration Night at LMS Inventions and Engineering October 3, 2017

To Get to the Other Side - Designing Bridges
Audience: K-1

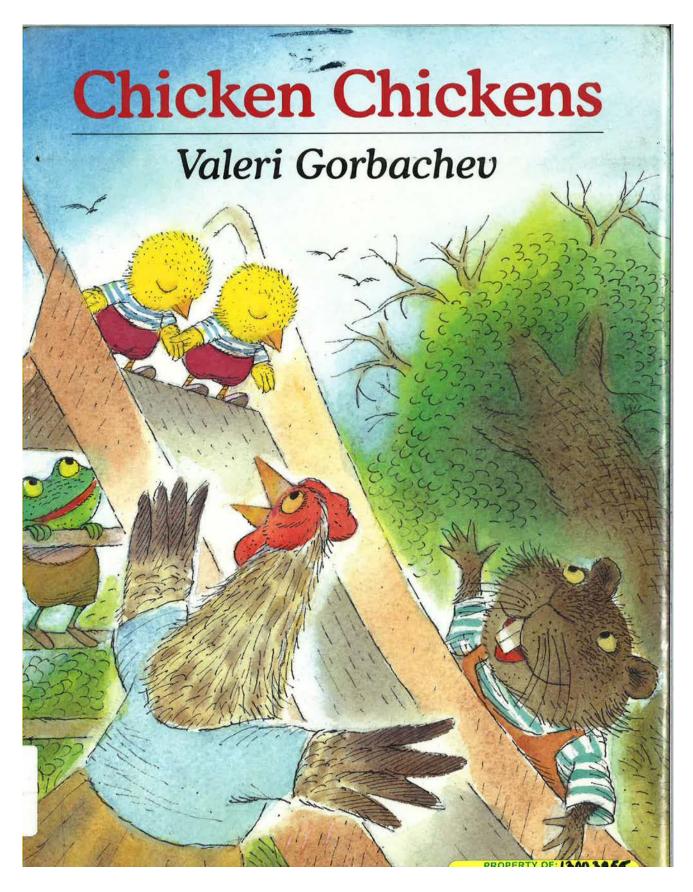


This kit contains all the materials needed to complete the activities described in the teacher's manual. Recommended science units for tie-in: Foss: Balance and Motion.

Makerspace Center - Ramps and Textures Audience: K-3

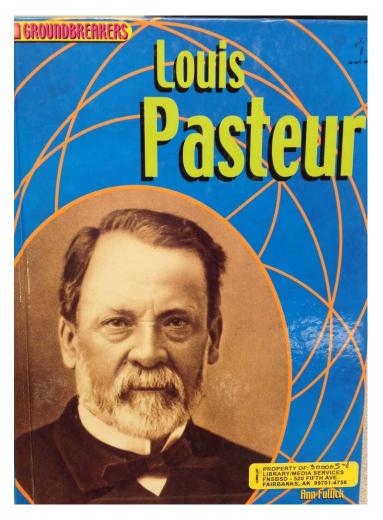


This kit includes items needed to set up a makerspace center for young students to experiment with rolling different items down ramps covered with different materials: includes wooden blocks, ramps and balls, plastic balls, marbles, cylinders, toy cars, burlap, felt, and more.



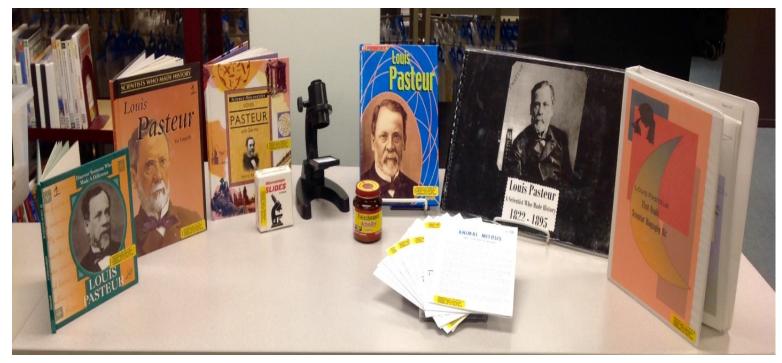
Makerspace Center – Ramps and Textures includes the book <u>Chicken</u> <u>Chickens</u> by Valeri Gorbachev.

Scientist Biography Kit – Louis Pasteur Audience: First grade and up

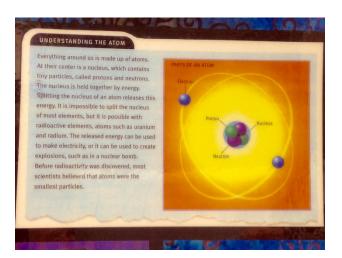


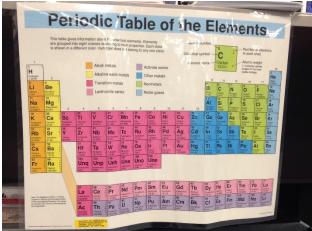
Known for his work in the field of vaccination, pasteurization, and microbial fermentation, Louis Pasteur is known as the "Father of Microbiology".

This kit requires the use of fresh yeast for activities presented. Please be aware teachers must provide the fresh yeast for best results.



Scientist Biography Kit: Marie & Pierre Curie Audience: Sixth grade and up

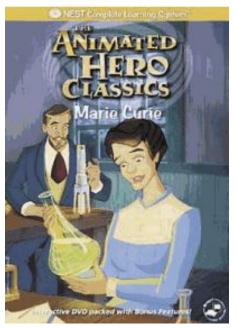




Learn about the important discoveries of Marie and Pierre Curie. Marie Curie is the first woman to win the Nobel Prize. She and Pierre are noted for their discoveries in radioactivity, including the chemical elements radium and polonium. The Curies received the Nobel Prize in Physics for their work in 1903. Marie Curie later received another Nobel Prize in Chemistry in 1911. This biography kit contains activities and resources, including books, to support the study of the grade level scientists, Marie & Pierre Curie, listed in the FNSBSD science curriculum.



The Animated Hero Classics - Marie Curie



The animated story of Marie Curie, the Polishborn scientist. Her shared research with her husband Pierre gave the world the theory of radioactivity and the discovery of and the isolation of radium. She was the first person to receive two Nobel Prizes. 30 minute DVD.

DVDs - Inventions and Discoveries

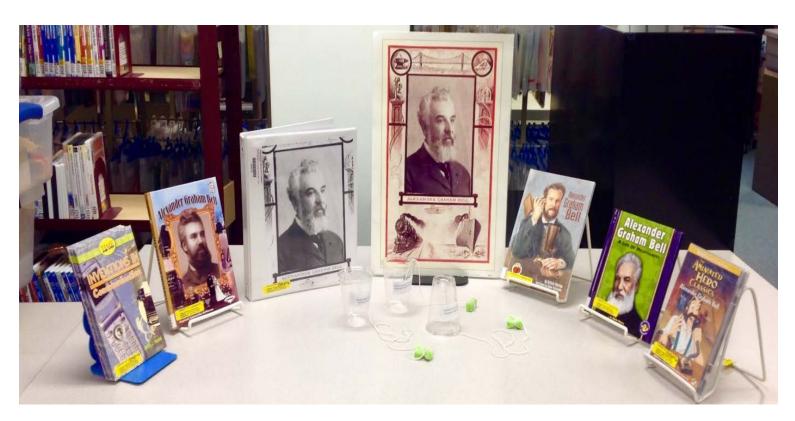
DVDs featuring major inventors throughout history, including light-bulb inventor Thomas Edison, telephone inventor Alexander Graham Bell, electric power physicist Nikola Tesla, the Wright Brothers, and more.



Scientist Biography Kit: Alexander Graham Bell Audience: Second grade and up



This kit contains a Teacher Resource binder, several different Alexander Graham Bell biographies for children, a DVD: The Animated Story of Alexander Graham Bell Video, poster, and activities with supplies. Also included: a photo-illustrated timeline of Bell telephone designs since 1876.



Bell System © Telephone Story

As America celebrates its 200th birthday, the tetephone is marking its 100th year. The story of the telephone is the story of change, of the continued search for new methods and materials to transmit the human voice. This progress has given America the finest telecommunications service in the world. It has been achieved largely by Bell System planning and the coordination of its parts—Bell Laboratories, its research and development unit; Western Electric, its manufacturing and supply unit; and the operation and service of the communications equipment by your local Bell Telephone Company. Here is what the telephone has looked like over the years. . . .



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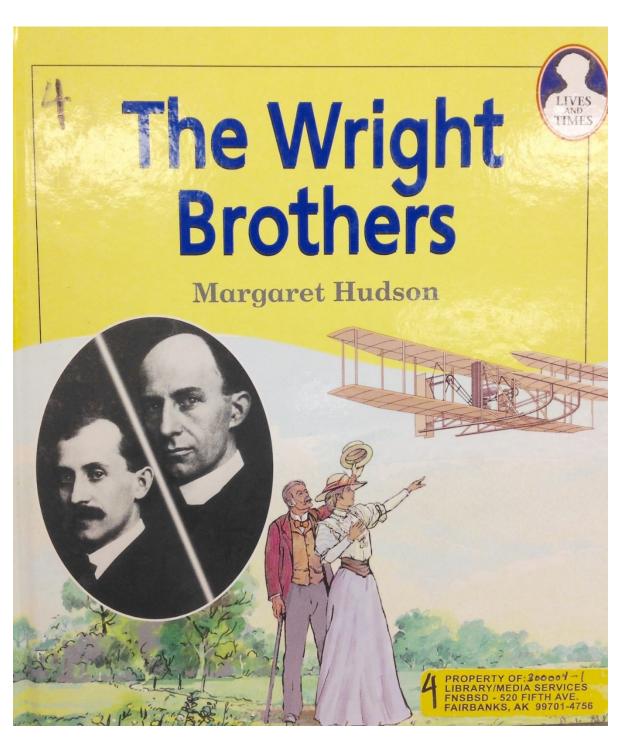
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Scientist Biography Kits: The Wright Brothers Audience: First grade and up

From bicycle repairmen to airplane engineers...This is the amazing story of Orville and Wilbur Wright, whose trials in aviation contributed to the modern-day airplane. Kit contains activities, books, and materials for exploring aerodynamics in the classroom. LMS library also has Wright Brothers DVDs that will coordinate with this kit.



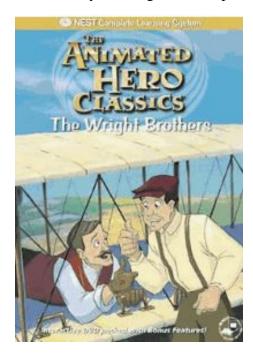


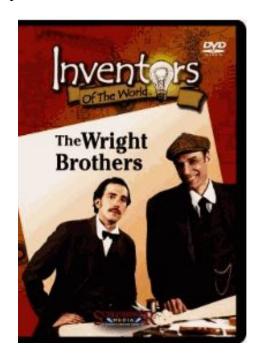
Animated Hero Classics: The Wright Brothers

If people were meant to fly, they'd be given wings. That's what the world told the brothers Orville and Wilbur Wright. This is the thrilling story of two American bicycle repairmen who ignored all those who said it couldn't be done and risked everything, including their very lives, to become the first to manage powered flight.

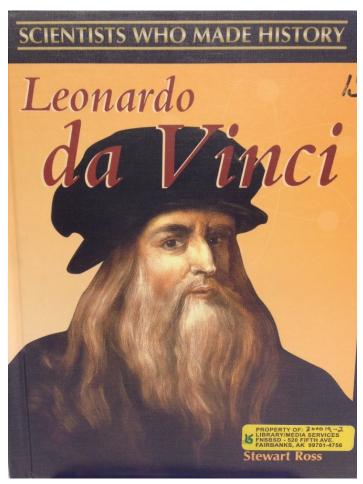
Inventors of the World: The Wright Brothers

By exploring archival films, photographs and actual drawings and materials, students will learn about the Wright brothers, especially through reenactments. They had to test their ideas about flight before finally building their first powered airplane.





Scientist Biography Kit – Leonardo da Vinci Audience: Sixth grade and up



Leonardo da Vinci is known for his incredible skill and interest in many subjects, including math, science, architecture, music, botany, astronomy, geology, anatomy, history, literature, inventions, engineering, and the arts.

This science biography kit contains great activities for kids, and resources, including books, to support the study of the grade level scientist, Leonardo da Vinci, listed in the FNSBSD science curriculum.

