

February: The Shortest Month of the Year

Are you looking for something fun and educational to do at home? Check out these library recommended STEAM activities, programs, podcasts and more! Click the links to visit activities and books.

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SCIENCE

National Kite Flying Day: Feb 8

Activities:

[Make a Kite using Recycled Materials](#) – All Ages

[Kite Making and Kite Flying](#) – All Ages

[Build Your Own Kite](#) – All Ages

Books to Read:

[Biscuit Flies a Kite](#) by Alyssa Satin Capucille

[The Berenstain Bears: We Like Kites](#) by Stan Berenstain

[Kites for Everyone: How to Make and Fly Them](#) by Margaret Greger

Interesting Facts about Kites: The smallest kite recorded in the world that actually flew was 5 cm high. The largest kite in the world is called the Megabite and it is 55 X 22 meters (630 sq meters). The longest kite in the world is 1034 meters. The fastest kite in the world was recorded as traveling 193 km/h.



Valentine's Day: Feb 14

Activities:

[Heart Marshmallow Toothpick Structures](#) – Ages 4 to 10

[Valentine Bubble Science Activity for Preschoolers](#) – Preschool

[Fizzing Hearts](#) - Ages 6 to 12

Books to Read:

[The Story of Valentine's Day](#) by Clyde Robert Bulla

[It's Valentine's Day](#) by Jack Prelutsky

[Valentine's Day Disaster](#) by Geronimo Stilton

Interesting Fact about Valentine's Day: The first heart-shaped box of chocolates was introduced in for V-Day 1861 by Richard Cadbury. Today, more than 36 million heart-shaped boxes of chocolates are sold each year. That's 58 million pounds of chocolate!

ART

National Battery Day: Feb 18

Activities:

[Tiny Dancers \(A Homopolar Motor\)](#) – Ages 7 to 12

[Dirt Battery Experiment](#) – Middle School

[Build a Potato Battery](#) – Middle School

Books to Read:

[The Battery: How Portable Power Sparked a Technological Revolution](#) by Henry Schlesinger

[How Does a Battery Work?](#) by Roman Wilson

[Batteries Not Included](#), DVD

Interesting Facts about Batteries: The first battery was created by Alessandro Volta in 1800 (the term “voltage” gets its namesake from him). A battery uses chemistry to produce electricity. A battery is made up of three parts: a negative charge, a positive charge, and an electrolyte.

Engineer's Week: Feb 22

Activities:

Paper Heart Structures - Ages 7 to 10

How Strong is Spaghetti? – 7 to 10

5 Engineering Challenges With Clothes Pins, Binder Clips, and Craft Sticks – All Ages

Books to Read:

Engineered! Engineering Design At Work by Shannon Hunt

How Engineers Solve Problems by Robin Johnson

Rosie Revere's Big Project Book for Bold Engineers by Andrea Beaty

Interesting Fact about Engineering: The snowboard was invented by an engineer. With some engineering twists and turns along the way, the snowboard has become a marvel of geometry, chemistry, and biomechanics. Since the snowboard allows deft turns, ski manufacturers have quickly adopted some of the snowboard innovations, enabling skiers to turn with less effort.

