

Activity Calendar

- Cakes and Miracles, a Purim Tale* by Barbara Diamond Goldin. Two Lions, 2010.
- The Chicken Squad: The First Misadventure* by Doreen Cronin. Atheneum Books for Young Readers, 2014.
- It's Okay to Make Mistakes* by Todd Parr. Little, Brown Books for Young Readers, 2014.
- Mercy Watson to the Rescue* by Kate DiCamillo. Candlewick, 2005.
- Possum Magic* by Mem Fox. HMH Books for Young Readers, 1991.
- Sojourner Truth: Step-Stomp Stride* by Andrea Davis Pinkney. Jump at the Sun, 2009.
- Strega Nona* by Tomie de Paola. Simon & Schuster Books for Young Readers, 1975.

Character Ed

- Electrical Wizard: How Nikola Tesla Lit Up the World* by Elizabeth Rusch, illustrated by Oliver Dominguez. Candlewick, 2013.
- George Ferris: What a Wheel!* by Barbara Lowell, illustrated by Jerry Hoare. Grosset & Dunlap, 2014.
- Incredible Inventions*, poems selected by Lee Bennett Hopkins, illustrated by Julia Sarcone-Roach. Greenwillow, 2009.
- The Kite That Bridged Two Nations* by Alexis O'Neill, illustrated by Terry Widener. Calkins Creek/Highlights, 2013.
- Mr. Ferris and His Wheel* by Kathryn Gibbs Davis, illustrated by Gilbert Ford. Houghton Mifflin Harcourt, 2014.

Core Focus

- Bridges* by Seymour Simon. Tandem Library, 2005.
- Bridges Are to Cross* by Philemon Sturges. Scholastic, 1999.
- The Brooklyn Bridge: The Story of the World's Most Famous Bridge and the Remarkable Family That Built It* (Wonders of the World Book) by Elizabeth Mann. Mikaya Press, 2006.
- The Brooklyn Bridge* (Building America) by Elaine Pascoe. Blackbirch Press, 1999.
- Brooklyn Bridge* (All Aboard America Set 3) by Sarah Tieck. Buddy Books, 2008.
- Built to Last: Building America's Amazing Bridges, Dams, Tunnels, and Skyscrapers* by George Sullivan. Scholastic, 2005.

- Cross a Bridge* by Ryan Ann Hunter. Holiday House, 1998.
- The Golden Gate Bridge* (Lightning Bolt Books: Famous Places) by Jeffrey Zuehlke. Lerner Classroom, 2009.
- The Kite That Bridged Two Nations: Homan Walsh and the First Niagara Suspension Bridge* by Alexis O'Neill, illustrated by Terry Widener. Calkins Creek/Highlights, 2013.
- The Most Magnificent Thing* by Ashley Spires. Kids Can Press, 2014.
- Rosie Revere, Engineer* by Andrea Beaty, illustrated by David Roberts. Abrams Books for Young Readers, 2013.
- The World's Most Amazing Bridges* (Landmark Top Tens) by Michael Hurley. Raintree, 2011.

Curriculum Connections

Publisher Series

- Community Connections: How Did They Build That? Cherry Lake.
- Engineering Close-Up by Reagan Miller. Crabtree.
- Engineering in Action. Crabtree.
- Genius at Work! Great Inventor Biographies. Enslow Elementary.
- Landmark Top Tens. Raintree.

Books

- Biomimicry: Inventions Inspired by Nature* by Dora Lee. Kids Can Press, 2011.
- Bionics* (Cool Science) by Judith Jango-Cohen. Lerner Group, 2006.
- The Boy Who Harnessed the Wind* by William Kamkwamba and Bryan Mealer. Dial, 2012.
- Brooklyn Bridge* by Lynn Curlee. Atheneum Books for Young Readers, 2001.
- Built to Last* by David Macaulay. HMH Books for Young Readers, 2010.
- Engineering Elephants* by Emily M. Hunt and Michelle L. Pantoya. AuthorHouse, 2010.
- Engineering in Our Everyday Lives* (Engineering Close-Up) by Reagan Miller. Crabtree, 2014.
- Engineering Science Experiments* (Experiments for Future Scientists), edited by Aviva Ebner. Chelsea House, 2011.

Engineering the ABCs: How Engineers Shape Our World by Patty O'Brien Novak. Ferne Press, 2009.

Engineering the City: How Infrastructure Works, Projects and Principles for Beginners by Matthys Levy and Richard Panchyk. Chicago Review Press, 2000.

The Erie Canal by Martha E. Kendall. National Geographic Children's Books, 2008.

Fantastic Feats and Failures by the Editors of YES Mag. Kids Can Press, 2004.

Ferris Wheel! George Ferris and His Amazing Invention by Dani Sneed. Enslow Elementary, 2008.

Incredible Inventions: Poems, selected by Lee Bennett Hopkins. Greenwillow, 2009.

The Incredible Work of Engineers with Max Axiom, Super Scientist by Agnieszka Biskup. Capstone Press, 2013.

Marvelous Mattie by Emily Arnold McCully. Farrar, Straus and Giroux, 2006.

Mike Stellar, Nerves of Steel by K.A. Holt. Yearling, 2010.

Mutant Animals: Crazy Creatures Altered by Science (Fact Finders: Scary Science) by Sally Lee. Fact Finders, 2014.

My Robots: The Robotic Genius of Lady Regina Bonquers III by Johan Olander. Two Lions, 2012.

The Neptune Project by Polly Holyoke. Disney/Hyperion, 2014.

The Night Worker by Kate Banks. Square Fish, 2007.

One Fine Day: A Radio Play by Elizabeth Van Steenwyk. William B. Eerdmans, 2003.

Pop's Bridge by Eve Bunting. HMH Books for Young Readers, 2006.

Rosie Revere, Engineer by Andrea Beaty, illustrated by David Roberts. Abrams Books for Young Readers, 2013.

Sky Boys: How They Build the Empire State Building by Deborah Hopkinson, illustrated by James E. Ransome. Schwartz & Wade, 2006.

Subway Story by Julia Sarcone-Roach. Knopf Books for Young Readers, 2011.

Subway: The Story of Tunnels, Tubes, and Tracks by Larry Dane Brimner. Boyds Mills Press, 2004.

Twenty-One Elephants and Still Standing by April Jones Prince. HMH Books for Young Readers, 2005.

Violet the Pilot by Steve Breen. Dial, 2008.

Water Street by Patricia Reilly Giff. Yearling

Reprints, 2008.

Women in Engineering (Major Women in Science) by Shaina Indovino. Mason Crest, 2013.

Wonders of the World by Philip Steele. Kingfisher, 2011.

Fiction/Nonfiction

13 American Artists Children Should Know by Brad Finger. Prestel, 2010.

Alexander Calder by Patricia Geis. Princeton Architectural Press, 2014.

The Art Book for Children: Book One. Phaidon Press, 2005.

The Art Book for Children: Book Two. Phaidon Press, 2007.

The Art of Miss Chew by Patricia Polacco. Putnam Juvenile, 2012.

Beautiful Oops! by Barney Saltzberg. Workman Publishing, 2010.

Can You Find It? America by Linda Falken. Abrams Books for Young Readers, 2010.

Come Look With Me: Asian Art by Kimberly Lane. Charlesbridge, 2008.

Emily's Art by Peter Catalanotto. Atheneum Books for Young Readers, 2001.

Fabulous! A Portrait of Andy Warhol by Bonnie Christensen. Henry Holt and Company, 2011.

The Fantastic Jungles of Henri Rousseau by Michelle Markel. Eerdmans Books for Young Readers, 2012.

The First Drawing by Mordicai Gerstein. Little, Brown and Company, 2013.

Fraidy Zoo by Thyra Heder. Abrams Books for Young Readers, 2013.

George Bellows: Painter with a Punch by Robert Burleigh. Abrams Books for Young Readers, 2012.

Henri Matisse by Patricia Geis. Princeton Architectural Press, 2014.

Henri's Scissors by Jeanette Winter. Beach Land Books, 2013.

I Wish I Could Draw by Cary Fagan. Groundwood Books, 2014.

Just Behave, Pablo Picasso! by Jonah Winter. Arthur E. Levine Books, 2012.

Look Closer: Art Masterpieces through the Ages by Caroline Desnoëttes. Walker & Company, 2006.

Lumpito and the Painter from Spain by

Monica Kulling. Pajama Press, 2012.
Monet Paints a Day by Julie Danneberg.
 Charlesbridge, 2012.

The Museum by Susan Verde. Abrams Books
 for Young Readers, 2013.

My Art Book. DK Publishing, 2011.

Ozzie and the Art Contest by Dana Sullivan.
 Sleeping Bear Press, 2013.

Pablo Picasso by Patricia Geis. Princeton
 Architectural Press, 2014.

Sandy's Circus: A Story About Alexander Calder
 by Tanya Lee Stone. Viking, 2008.

A Splash of Red: The Life and Art of Horace Pippin
 by Jen Bryant. Alfred A. Knopf, 2013.

The Usborne Art Treasury by Rosie Dickins.
 Usborne, 2006.

What's Your Favorite Animal? by Eric Carle et al.
 Henry Holt and Company, 2014.

Freebies

Alex the Parrot: No Ordinary Bird, a True Story
 by Stephanie Spinner. Knopf Books for Young
 Readers, 2012.

And Then It's Spring by Julie Fogliano.
 Roaring Brook Press, 2012.

Are You Ready for Spring? by Sheila Anderson.
 Lerner, 2010.

Handsprings: Poems and Paintings by
 Douglas Florian. Greenwillow Books, 2006.

In Like a Lion, Out Like a Lamb by Marion Dane
 Bauer. Holiday House, 2012.

Jack the Castaway (The Berenson Schemes)
 by Lisa Doan. Darby Creek, 2014.

Jack and the Wild Life (The Berenson Schemes)
 by Lisa Doan. Darby Creek, 2014.

Jack at the Helm (The Berenson Schemes)
 by Lisa Doan. Darby Creek, 2015.

King for a Day by Rukhsana Khan. Lee & Low, 2013.

Kumak's River, a Tale from the Far North by
 Michael Bania. Alaska Northwest Books, 2012.

*Life in the Ocean, the Story of Oceanographer Sylvia
 Earle* by Claire A. Nivola. Farrar, Straus and Giroux,
 2012.

*Rachel Carson and Her Book That Changed the
 World* by Laurie Lawlor. Holiday House, 2012.

Sea Turtle Scientist (Scientists in the Field)

by Stephen R. Swinburne. HMH Books for
 Young Readers, 2014.

*The Tapir Scientist: Saving South America's
 Largest Mammal* (Scientists in the Field) by
 Sy Montgomery. HMH Books for Young Readers,
 2013.

Gaining STEAM

Driven: A Photobiography of Henry Ford by
 Don Mitchell. National Geographic, 2010.

Egg Drop by Mini Grey. Knopf, 2012.

Fabulous Bridges by Ian Graham. Amicus, 2011.

*The Flying Machine Book: Build and Launch 35
 Rockets, Gliders, Helicopters, Boomerangs, and More*
 by Bobby Mercer. Chicago Review Press, 2012.

How Airplanes Work by Paul R. Ohmann.
 Child's World, 2012.

Jump into the Sky by Shelley Pearsall. Knopf, 2012.

NASCAR: Designed to Win by Mark Stewart and
 Mike Kennedy. Lerner, 2008.

Roller Coasters by Dana Meachen Rau.
 Marshall Cavendish, 2011.

*Sky Boys: How They Build the Empire State
 Building* by Deborah Hopkinson, illustrated by
 James E. Ransome. Schwartz & Wade, 2006.

Spectacular Skyscrapers by Meish Goldish.
 Bearport, 2012.

Stealing Air by Trent Reedy. Arthur A. Levine, 2012.

Keep 'Em Reading

100 Inventions That Made History.
 Dorling Kindersley, 2014.

2030: A Day in the Life of Tomorrow's Kids
 by Amy Zuckerman and James Daly.
 Dutton Juvenile, 2009.

Big Ideas That Changed the World.
 Dorling Kindersley, 2013.

*Engineering an Awesome Recycling Center
 with Max Axiom, Super Scientist* (Graphic Science
 and Engineering in Action) by Nikole Brooks
 Bethea. Capstone Press, 2013.

*Engineering a Totally Rad Skateboard with
 Max Axiom, Super Scientist* (Graphic Science
 and Engineering in Action) by Tammy Enz.
 Capstone Press, 2013.

Girls Think of Everything by Catherine Thimmeah. Houghton Mifflin, 2000.

The Incredible Work of Engineers with Max Axiom, Super Scientist (Graphic Science and Engineering in Action) by Agnieszka Biskup. Capstone Press, 2013.

Now and Ben: The Modern Inventions of Benjamin Franklin by Gene Barretta. Henry Holt and Company, 2006.

The Way Things Work. DVD series. Schlessinger Media.

Library Lessons

The Boy Who Loved Math: The Improbable Life of Paul Erdos by Deborah Heiligman, illustrated by LeUyen Pham. Roaring Brook Press, 2013.

Iggy Peck, Architect by Andrea Beaty, illustrated by David Roberts. Harry N. Abrams, 2007.

Marvelous Mattie: How Margaret E. Knight Became an Inventor by Emily Arnold McCully. Farrar, Straus and Giroux, 2006.

The Most Magnificent Thing by Ashley Spires. Kids Can Press, 2014.

Rosie Revere, Engineer by Andrea Beaty, illustrated by David Roberts. Abrams Books for Young Readers, 2013.

Toy Boat by Randall de Sève, illustrated by Loren Long. Philomel, 2007.

Violet the Pilot by Steve Breen. Dial, 2008.

Young Frank, Architect by Frank Viva. Harry N. Abrams, 2013.

So Many Books

The Boy Who Harnessed the Wind by William Kwamkamba and Bryan Mealer. Dial, 2012.

Brooklyn Bridge by Lynn Curlee. Atheneum, 2001.

Built to Last by David Macaulay. Houghton Mifflin Harcourt, 2010.

Castle by David Macaulay. Houghton Mifflin, 1982.

Castle: How It Works by David Macaulay and Sheila Keenan. Macmillan, 2012.

Jet Plane: How It Works by David Macaulay and Sheila Keenan. Macmillan, 2012.

Marvelous Mattie: Became How Margaret E. Knight Became an Inventor by Emily Arnold McCully. Farrar, Straus and Giroux, 2006.

Mosque by David Macaulay. Houghton Mifflin, 2003.

Mr. Ferris and His Wheel by Kathryn Gibbs Davis, illustrated by Gilbert Ford. Houghton Mifflin Harcourt, 2014.

Papa's Mechanical Fish by Candace Fleming. Farrar, Straus and Giroux, 2013.

Pop's Bridge by Eve Bunting. HMH Books for Young Readers, 2006.

Sally Jean the Bicycle Queen by Cari Best. Farrar, Straus and Giroux, 2006.

The Silver People: Voices from the Panama Canal by Margarita Engle. Houghton Mifflin Harcourt, 2014.

Sky Boys: How They Build the Empire State Building by Deborah Hopkinson, illustrated by James E. Ransome. Schwartz & Wade, 2006.

Toilet: How It Works by David Macaulay and Sheila Keenan. Macmillan, 2013.

The Way Things Work by David Macaulay and Neil Ardley. Houghton Mifflin, 1988.

Storytime

Books

Have You Seen My Duckling? by Nancy Tafuri. Greenwillow, 1984.

Knuffle Bunny: A Cautionary Tale by Mo Willems. Hyperion, 2004.

Knuffle Bunny Free: An Unexpected Diversion by Mo Willems. Hyperion, 2010.

Knuffle Bunny Too: A Case of Mistaken Identity by Mo Willems. Hyperion, 2007.

"More More More," *Said the Baby* by Vera B. Williams. Greenwillow, 1990.

Owen by Kevin Henkes. Greenwillow, 1993.

Music

Animal Songs & Stories by Susie Tallman. Rock Me Baby Records, 2012.

Rise and Shine by Raffi. Troubadour Records, 1982.

Wake Up Jeff by The Wiggles. Wiggle Touring Party, 2000.