

## Activity Calendar

*28 Days: Moments in Black History That Changed the World* by Charles R. Smith Jr. Roaring Brook, 2015.

*Book Scavenger* by Jennifer Chambliss Bertman. Henry Holt, 2015.

*Fenway and Hattie* by Victoria J. Coe. G.P. Putnam's Sons Books for Young Readers, 2016.

*Girls Think of Everything: Stories of Ingenious Inventions by Women* by Catherine Thimmesh. HMH Books for Young Readers, 2002.

*Groundhog's Dilemma* by Kristen Remenar. Charlesbridge, 2015.

*Groundhog Weather School: Fun Facts about Weather and Groundhogs* by Joan Holub. Puffin, 2013.

*Lady Pancake and Sir French Toast* by Josh Funk. Sterling Children's, 2015.

*Not a Box* by Antoinette Portis. HarperCollins, 2006.

*Not a Stick* by Antoinette Portis. HarperCollins, 2007.

*Probably Pistachio* by Stuart J. Murphy. HarperCollins, 2000.

*Surf's Up* by Kwame Alexander. NorthSouth, 2016.

*Wait* by Antoinette Portis. Roaring Brook, 2015.

*What Presidents Are Made Of* by Hanoch Piven. Atheneum Books for Young Readers, 2012.

## The Connected Librarian

*The Westing Game* by Ellen Raskin. Puffin, 2004.

## Core Focus

*Earmuffs for Everyone! How Chester Greenwood Became Known as the Inventor of Earmuffs* by Meghan McCarthy. Simon & Schuster/Paula Wiseman Books, 2015.

*Electrical Wizard: How Nikola Tesla Lit Up the World* by Elizabeth Rusch. Candlewick, 2013.

*Miracle Mud: Lena Blackburne and the Secret Mud That Changed Baseball* by David A. Kelly. Millbrook, 2013.

## Curriculum Connections

### Publishers' series

21st Century Skills Innovation Library: Makers as Innovators. Cherry Lake.

Build It Yourself by Tammy Enz. Capstone, 2011.

Build It Yourself. Nomad.

Do It Yourself Projects! PowerKids.

Genius at Work! Great Inventor Biographies by Edwin Brit Wyckoff. Enslow Elementary.

The Inventors' Specials, directed by David Devine, Richard Mozer, Allan King, and Don Mcbrearty. (DVDs.) Devine Entertainment, 2002.

Maker Kids by Maggie Murphy. PowerKids.

Super Simple Crafts by Karen Latchana Kenney. Super Sandcastle (imprint of ABDO).

### Books

*3D Printing* by Terence O'Neill and Josh Williams. Cherry Lake, 2013.

*Awesome Dawson* by Chris Gall.

Little, Brown Books for Young Readers, 2013.

*Ben the Inventor* by Robin Stevenson, illustrated by David Parkins. Orca, 2011.

*The Boy Who Harnessed the Wind* by William Kamkwamba and Bryan Mealer, illustrated by Elizabeth Zunon. Dial, 2012.

*Building Our House* by Jonathan Bean. Farrar, Straus and Giroux, 2013.

*Bully-Be-Gone* by Brian Tacang. HarperCollins, 2006.

*Draw Out the Story: Ten Secrets to Creating Your Own Comics* by Brian McLachlan. Owlkids, 2013.

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

*Frantastic Voyage* by Jim Benton. Simon & Schuster Books for Young Readers, 2006.

*Girls Think of Everything: Stories of Ingenious Inventions by Women* by Catherine Thimmesh. HMH Books for Young Readers, 2002.

*Here's What You Do When You Can't Find Your Shoe* (Ingenious Inventions for Pesky Problems) by Andrea Perry. Atheneum Books for Young Readers, 2003.

*How It's Made: The Fun Stuff*, hosted by Brooks T. Moore and Lynne Adams, directed by Maj Productions. (DVD). Discovery—Gaiam, 2012.

*Howtoons: Tools of Mass Construction* by Nick Dragotta, Saul Griffith, Joost Bonsen, and Ingrid Dragotta. Image Comics, 2014.

*Lights Out* by Arthur Geisert. Houghton Mifflin Harcourt, 2005.

*Lunch Money* by Andrew Clements. Atheneum Books for Young Readers, 2007.

*Makerspaces* by Samantha Roslund and Emily Puckett Rodgers. Cherry Lake, 2013.

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

*Nick & Tesla's High-Voltage Danger Lab: A Mystery with Electromagnets, Burglar Alarms, and Other Gadgets You Can Build Yourself* by "Science Bob" Pflugfelder and Steve Hockensmith. Quirk, 2013.

*Old MacDonald Had a Woodshop* by Lisa Shulman. Puffin, 2004.

*The Otherworldly Adventures of Tyler Washburn: The New Kid* by Dylan Cole. Design Studio, 2012.

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

*ReMake It! Recycling Projects from the Stuff You Usually Scrap* by Tiffany Threadgould. Sterling, 2011.

*Sandy's Circus: A Story about Alexander Calder* by Tanya Lee Stone. Viking Books for Young Readers, 2008.

*The Secret Science Alliance and the Copycat Crook* by Eleanor Davis. Bloomsbury USA Childrens, 2009.

*So You Want to Be an Inventor?* by Judith St. George. Puffin, 2005.

*The Story of Kites* by Ying Chang Compestine. Holiday House, 2003.

*Sylvia's Super-Awesome Project Book: Super-Simple Arduino* by Sylvia Todd. Constructing Modern Knowledge, 2014.

*Vincent Shadow, Toy Inventor* by Tim Kehoe. Little, Brown Books for Young Readers, 2011.

*Vision of Beauty: The Story of Sarah Breedlove Walker* by Kathryn Lasky. Candlewick, 2012.

*You Forgot Your Skirt, Amelia Bloomer!* by Shana Corey. Scholastic, 2000.

### Fiction Nonfiction

*1, 2, 3 ... by the Sea: A Counting Book* by Dianne Moritz. Kane/Miller, 2013.

*5 Steps to Drawing Sea Creatures* by Amanda StJohn. Child's World, 2011.

*All You Need for a Beach* by Alice Schertle. Silver Whistle, 2004.

*Between the Tides* by Fran Hodgkins. Down East, 1991.

*Chu's Day at the Beach* by Neil Gaiman. HarperCollins, 2015.

*Duck and Goose Go to the Beach* by Tad Hills. Schwartz & Wade, 2014.

*Fun in the Sun* by David Catrow. Holiday House, 2015.

*Hands and Hearts: With 15 Words in American Sign Language* by Donna Jo Napoli. Harry N. Abrams, 2014.

*High Tide for Horseshoe Crabs* by Lisa Kahn Schnell. Charlesbridge, 2015.

*The House Takes a Vacation* by Jacqueline Davies. Two Lions, 2013.

*Ladybug Girl at the Beach* by David Soman and Jacky Davis. Dial, 2010.

*Larry Gets Lost under the Sea* by Eric Ode and John Skewes. Little Bigfoot, 2015.

*Making Art with Rocks and Shells* by Gillian Chapman and Pam Robson. PowerKids, 2007.

*Melrose and Croc: An Adventure to Remember* by Emma Chichester Clark. Walker Childrens, 2008.

*Monet Paints a Day* by Julie Danneberg. Charlesbridge, 2012.

*Patterns at the Seashore* by Dawn Bluemel Oldfield. Bearport, 2014.

*Penguin on Vacation* by Salina Yoon. Bloomsbury USA Childrens, 2015.

*Sand Art* by Jeanette Ryall. Windmill Books, 2012.

*Scaredy Squirrel at the Beach* by Mélanie Watt. Kids Can, 2012.

*Sea Rex* by Molly Idle. Viking Books for Young Readers, 2015.

*Sea Shells* by Shari Skeie. Bellwether Media, 2008.

*Sea Turtle Hatchlings* by Ruth Owen. Bearport, 2012.

*Secrets of the Seashore* by Carron Brown and Alyssa Nassner. Ivy, 2015.

*S Is for Sea Glass: A Beach Alphabet* by Richard Michelson. Sleeping Bear, 2014.

*Splash, Anna Hibiscus!* by Atinuke.  
Walker, 2014.

*Splat the Cat: A Whale of a Tale*  
by Rob Scotton. HarperCollins, 2013.

*Surf Dog Miracles* by Meish Goldish. Bearport, 2012.

*Tide Pools: Life at the Edge of the Sea*  
by Anita Malnig. Lerner, 2009.

*To the Beach* by Thomas Docherty. Templar, 2009.

*Tsunami* by Joyce Markovics. Bearport, 2014.

*Vacation: We're Going to the Ocean*  
by David L. Harrison. WordSong, 2009.

*What If?* by Laura Vaccaro Seeger.  
Roaring Brook, 2010.

*Who's at the Seashore?* by John Himmelman.  
Taylor Trade, 2009.

### Freebies, Doodads, & Helpful Hints

All the Wrong Questions series by  
Lemony Snicket (Daniel Handler).  
Little, Brown Books for Young Readers.

A Series of Unfortunate Events series by  
Lemony Snicket (Daniel Handler). HarperCollins.

Cloudy with a Chance of Meatballs series  
by Judi Barrett. Various publishers.

Diary of a Wimpy Kid series by Jeff Kinney.  
Various publishers.

*The Fantastic Undersea Life of Jacques Cousteau*  
by Dan Yaccarino. Dragonfly, 2012.

How Do Dinosaurs ...? series by Jane Yolen.  
Blue Sky.

*Iggy Peck, Architect* by Andrea Beaty.  
Harry N. Abrams, 2007.

The Little House series by Laura Ingalls Wilder.  
Various publishers.

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

The Mysterious Benedict Society series by  
Trenton Lee Stewart. Little, Brown Books for  
Young Readers.

*Pop! The Invention of Bubble Gum*  
by Meghan McCarthy. Simon & Schuster/Paula  
Wiseman, 2010.

*Rosie Revere, Engineer* by Andrea Beaty.  
Harry N. Abrams, 2013.

*The Three Little Pigs: An Architectural Tale*  
by Steven Guarnaccia. Harry N. Abrams, 2010.

*Twenty-One Elephants and Still Standing*  
by April Jones Prince. Houghton Mifflin  
Books for Children, 2005.

### Gaining STEAM

*Creep and Flutter: The Secret World of Insects  
and Spiders* by Jim Arnosky.

Sterling Children's Books, 2012.

*Nick and Tesla's Robot Army Rampage: A Mystery  
with Hoverbots, Bristle Bots, and Other Robots You  
Can Build Yourself* by "Science Bob" Pflugfelder  
and Steve Hockensmith. Quirk, 2014.

*What Are Electrical Circuits?* by Ronald Monroe.  
Crabtree, 2012.

### Keep 'Em Reading

*Ben Franklin's Big Splash: The Mostly True Story  
of His First Invention* by Barb Rosenstock.  
Calkins Creek, 2014.

*Biomimicry: Inventions Inspired  
by Nature* by Dora Lee. Kids Can, 2011.

*Earmuffs for Everyone! How Chester Greenwood  
Became Known as the Inventor of Earmuffs* by  
Meghan McCarthy. Simon & Schuster/Paula  
Wiseman, 2015.

*Electrical Wizard: How Nikola Tesla Lit Up the World*  
by Elizabeth Rusch. Candlewick, 2013.

*Nature Got There First: Inventions Inspired by Nature*  
by Phil Gates. Kingfisher, 1995.

*On a Beam of Light: A Story of Albert Einstein*  
by Jennifer Berne. Chronicle, 2013.

*Robots, Robots Everywhere!* by Sue Fliess.  
Golden, 2013.

*Scientists Who Changed the World*  
by Philip Wilkinson. Chelsea House, 1993.

*Temple Grandin*, directed by Mick Jackson. (DVD.)  
HBO Studios, 2010.

*Temple Grandin: How the Girl Who Loved Cows  
Embraced Autism and Changed the World* by Sy  
Montgomery. HMH Books for Young Readers,  
2014.

### Library Lessons

*All the Broken Pieces* by Ann E. Burg.  
Scholastic Paperbacks, 2012.

*All the Water in the World* by George Ella Lyon.  
Atheneum/Richard Jackson, 2011.

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

*The Boy Who Invented TV: The Story of Philo Farnsworth* by Kathleen Krull. Dragonfly, 2014.

*Brown Girl Dreaming* by Jacqueline Woodson. Nancy Paulsen, 2014.

*The Crossover* by Kwame Alexander. HMH Books for Young Readers, 2014.

*A Drop around the World* by Barbara Shaw McKinney. Dawn, 1998.

*Energy Island: How One Community Harnessed the Wind and Changed Their World* by Allan Drummond. Square Fish, 2015.

*Gone Fishing: A Novel in Verse* by Tamera Will Wissinger. HMH Books for Young Readers, 2015.

*Hate That Cat: A Novel* by Sharon Creech. HarperCollins, 2010.

*Hooray for Inventors!* by Marcia Williams. Candlewick, 2013.

*Incredible Inventions*, poems selected by Lee Bennett Hopkins. Greenwillow, 2009.

*Inside Out & Back Again* by Thanhha Lai. HarperCollins, 2013.

*Like Bug Juice on a Burger* by Julie Sternberg. Harry N. Abrams, 2013.

*Like Carrot Juice on a Cupcake* by Julie Sternberg. Harry N. Abrams, 2014.

*Like Pickle Juice on a Cookie* by Julie Sternberg. Harry N. Abrams, 2011.

*Little Dog, Lost* by Marion Dane Bauer. Atheneum Books for Young Readers, 2013.

*Love That Dog* by Sharon Creech. HarperCollins, 2001.

*One Well: The Story of Water on Earth* by Rochelle Strauss. Kids Can, 2007.

*Out of the Dust* by Karen Hesse. Scholastic, 1997.

*The Red Pencil* by Andrea Davis Pinkney. Little, Brown Books for Young Readers, 2015.

*Serafina's Promise* by Ann E. Burg. Scholastic, 2015.

*A Tale of One Well in Malawi* by Sarah LeVete. Capstone, 2010.

*Who Likes the Wind?* by Etta Kaner. Kids Can, 2006.

*Why Should I Save Water?* by Jen Green. Barron's Educational Series, 2005.

*You Wouldn't Want to Live without Clean Water!* by Roger Canavan. Children's, 2014.

### Meet the Author

*Blue Tights* by Rita Williams-Garcia. Puffin, 1996.

*Bottle Cap Boys Dancing on Royal Street* by Rita Williams-Garcia. Marimba, 2015.

*Catching the Wild Waiyuuzee* by Rita Williams-Garcia. Aladdin, 2007.

*The Five Chinese Brothers* by Claire Huchet Bishop. Puffin, 1996.

*Gone Crazy in Alabama* by Rita Williams-Garcia. Amistad, 2015.

*Like Sisters on the Homefront* by Rita Williams-Garcia. Puffin, 1998.

*Little Black Sambo* by Helen Bannerman. CreateSpace, 2012.

*No Laughter Here* by Rita Williams-Garcia. Amistad, 2009.

*One Crazy Summer* by Rita Williams-Garcia. Amistad, 2011.

*P.S. Be Eleven* by Rita Williams-Garcia. Amistad, 2015.

*The Snowy Day* by Ezra Jack Keats. Puffin, 1976.

*The Writer's Handbook*

*The Writer's Market*

### Playing with STEAM

*Rosie Revere, Engineer* by Andrea Beaty. Harry N. Abrams, 2013.

### Sharing STEAM ... on a Budget

*I Ain't Gonna Paint No More!* by Karen Beaumont. HMH Books for Young Readers, 2005.

*The Sunset Switch* by Kathleen V. Kudlinski. Cooper Square, 2005.

*The True Story of the Three Little Pigs!* by Jon Scieszka. Puffin, 1996.

### So Many Books

*Any Questions?* by Marie-Louise Gay. Groundwood, 2014.

*Ashley Bryan's Puppets: Making Something from Everything* by Ashley Bryan. Atheneum Books for Young Readers, 2014.

*Earmuffs for Everyone! How Chester Greenwood Became Known as the Inventor of Earmuffs* by Meghan McCarthy. Simon & Schuster/Paula Wiseman Books, 2015.

*Inventions That Could Have Changed the World . . . but Didn't!* by Joe Rhatigan. Imagine, 2015.

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

*The Right Word: Roget and His Thesaurus* by Jen Bryant. Eerdmans Books for Young Readers, 2014.

*Sequoyah: The Cherokee Man Who Gave His People Writing* by James Rumford. HMH Books for Young Readers, 2004.

*Twenty-Two Cents: Muhammad Yunus and the Village Bank* by Paula Yoo. Lee & Low, 2014.

*Under a Pig Tree: A History of the Noble Fruit* by Margie Palatini. Harry N. Abrams, 2015.

### Storytime

*The Bus Ride* by Marianne Dubuc. Kids Can, 2015.

*Dad's First Day* by Mike Wohnoutka. Bloomsbury USA Childrens, 2015.

*Edgar's Second Word* by Audrey Vernick. Clarion Books, 2014.

*Laugh-Out-Loud Baby* by Tony Johnston. Simon & Schuster/Paula Wiseman, 2012.

*Little Poems for Tiny Ears* by Lin Oliver. Nancy Paulsen, 2014.

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

*My Brave Year of Firsts: Tries, Sighs, and High Fives* by Jamie Lee Curtis and Laura Cornell. HarperCollins, 2012.

*Wemberly Worried* by Kevin Henkes. Greenwillow, 2010.