

Ticktock Banneker's Clock J92 Banneker
by Shana Keller & David C. Gardner

A young Benjamin Banneker perseveres to "reverse-engineer" a pocket watch to improve and scale up his design of a strike clock

Swirl by Swirl: Spirals in Nature J811 Sid
by Joyce Sidman & Beth Krommes

Reveals the many spirals in nature—from fiddleheads to elephant tusks, from crashing waves to spiraling galaxies—but also celebrate the beauty and usefulness of this fascinating shape.

Secret Subway J388.4 Cor
by Shana Corey

Alfred Ely Beach uses divergent ideas from the community to solve a transportation problem with vividly relevant illustrations

Float E Miyares
by Daniel Miyares

A little boy takes a boat made of newspaper out for a rainy-day adventure.

Cloudy with a Chance of Meatballs
E Barrett

by Judi Barrett
If food dropped like rain from the sky, wouldn't it be marvelous! Or would it? It could, after all, be messy. And you'd have no choice. What if you didn't like what fell? Or what if too much came? Have you ever thought of what it might be like to be squashed flat by a pancake?

Hidden Figures: The Untold True Story of Four African-American Women Who Helped Launch Our Nation into Space (Young Reader's Edition) J920 She
by Margot Lee Shetterly

The amazing true story of four African-American female mathematicians at NASA who helped achieve some of the greatest moments in our space program.

I is for Idea: An Inventions Alphabet
coming soon

by Marcia Schonberg & Kandy Radzinski
I is for Idea explores the development of bicycles, zippers, toilets, computers, and many other inventions that we now take for granted in our daily lives.

Inventions that Could Have Changed the World...But Didn't! coming soon

by Joe Rhatigan & Anthony Owsley
The fascinating stories of inventions that could have changed the world, should have made a difference, or would have astounded us all, but for one reason or another, didn't.

Women of Steel and Stone NF 720.92 LEW
by Anna M. Lewis

This diverse collection of biographies of female architects allows readers insight into the women's challenges and reflective thinking

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|------|--------------------|
| E | Picture Book |
| JFic | Junior Fiction |
| JAK | Junior Audiobook |
| J# | Junior Non-Fiction |
| NF | Non-Fiction |



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CHILDREN'S STEAM

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Ada Byron Lovelace and the Thinking Machine J92 Lovelace
by Laurie Wallmark & April Chu
Ada is a unique young woman who models creative thinking, applies mathematics and science to design, and publishes a pioneering computer program.

Ada Lovelace, Poet of Science J92 Lovelace
by Diane Stanley & Jessie Hartland
Ada Lovelace was able to nurture her imagination and model innovative thinking to create the first computer program ever published.

Ada Twist, Scientist E Beaty
by Andrea Beaty & David Roberts
Ada has a boundless imagination and has always been hopelessly curious. When her house fills with a horrific, toe-curling smell, Ada knows it's up to her to find the source.

Animals by the Numbers J590 Jen
by Steve Jenkins
How many species are there across the globe? How much do all of the insects in the world collectively weigh? How far can animals travel?

Ben Franklin's Big Splash: The Mostly True Story of His First Invention JAK E Ros
by Barb Rosenstock & S.D. Schindler
Even as a young boy, Ben Franklin uses design thinking to explore multiple solutions to invent swim fins

Blocks E Dickson
by Irene Dickson
Ruby has red blocks and Benji has blue blocks. They both build with their blocks, until...

City Shapes E Murray
by Diane Murray & Byron Collier
From shimmering skyscrapers to fluttering kites to twinkling stars high in the sky, everyday scenes become extraordinary as a young girl walks through her neighborhood noticing exciting new shapes at every turn.

Eight Days Gone J629.45 Mcr
by Linda McReynolds & Ryan O'Rourke
Learn the basics about the gear, equipment, and spaceship used by the astronauts, as well as the history of NASA's moon mission.

Finding Wonders: Three Girls Who Changed Science JFic Atkins
Jeannine Atkins
A gorgeously written novel in verse about three girls in three different time periods who grew up to become groundbreaking scientists.

Frank Einstein (series) JFic Scieszka
by Jon Scieszka
Frank attempts to perfect his inventions... until Frank's archnemesis, T. Edison, steals Klink and Klank for his evil doomsday plan!

Handle with Care: An Unusual Butterfly Journey J595.7 Bur
by Loree Griffin Burns & Ellen Harasimowicz
On a farm in Costa Rica, workers care for these delicate, winged creatures as they change from eggs to caterpillars to pupae. Like any other crop, the butterflies will eventually leave the farm. But where will they go? And just how do you ship a butterfly?

If I Built A... E Van Dusen
by Chris Van Dusen
Imaginative Jack describes what he would build with amazing accessories, time traveling capabilities, flying rooms, and much more.

One Giant Leap J629.45 Bur
by Robert Burleigh & Mike Wimmer
Transports readers to the stars, where they will experience the moon landing just as Neil Armstrong and Buzz Aldrin did.

Secret Coders (series) J741.5 Yan
by Gene Luen Yang
A wildly entertaining series that combines logic puzzles and basic programming instruction with a page-turning mystery plot!

See You in the Cosmos JFic/JAK Cheng
by Jack Cheng
Eleven-year-old Alex Petroski, along with his dog, Carl Sagan, makes big discoveries about his family on a road trip and he records it all on his Golden Ipad he intends to launch into space.

Sir Cumference (series) J516 Neu
by Cindy Neuschwander & Wayne Geehan
When Sir Cumference drinks a potion which turns him into a dragon, his son Radius searches for the magic number known as pi which will restore him to his former shape.

The Fourteenth Goldfish JFic/JAK Holm
by Jennifer Holm
Galileo. Newton. Salk. Oppenheimer. Science can change the world... but can it go too far?

The Most Magnificent Thing E Spires
by Ashley Spires
A young girl engages in the engineering and design process as she struggles to create the most magnificent thing - which is not revealed until the end of the story.

The Wild Robot JFic/JAK Brown
by Peter Brown
What happens when nature and technology collide?