

Ada's Ideas: The Story of Ada Lovelace, The World's First Computer Programmer

Stargazers rejoice! In his first book for children, renowned physicist Alan Lightman and collaborators, with help from the Hubble telescope, light up the night sky. New York Times best-selling author Alan Lightman, in collaboration with Olga Pastuchiv, brings galaxies close in a stunning picture-book tribute to the interconnectedness of the natural world. Layering photographs taken from the Hubble telescope into charming and expressive art, illustrator Susanna Chapman zooms in on one child’s experiences: Ada knows that the best place for star-gazing is on the island in Maine where she vacations with her grandparents. By day, she tracks osprey in the trees, paddles a kayak, and hunts for shells. But she’s most in her element when the sun goes down and the stars blink to life. Will the fog this year foil her plans, or will her grandfather find a way to shine a spotlight on the vast puzzle of the universe... until the weather turns? A town built on a landfill. A community in need of hope. A girl with a dream. A man with a vision. An ingenious idea.

She invents crazy contraptions, solves big sums, and reads all the books in the library. Although she may look like an ordinary little girl, Ada Lovelace is about to change the world. Zoë Tucker and Rachel Katstaller tell the amazing true story of a little girl who didn’t go to school, but grew up to create the world’s first computer program. “[Ada Lovelace], like Steve Jobs, stands at the intersection of arts and technology.”—Walter Isaacson, author of *The Innovators* Over 150 years after her death, a widely-used scientific computer program was named “Ada,” after Ada Lovelace, the only legitimate daughter of the eighteenth century’s version of a rock star, Lord Byron. Why? Because, after computer pioneers such as Alan Turing began to rediscover her, it slowly became apparent that she had been a key but overlooked figure in the invention of the computer. In Ada Lovelace, James Essinger makes the case that the computer age could have started two centuries ago if Lovelace’s contemporaries had recognized her research and fully grasped its implications. It’s a remarkable tale, starting with the outrageous behavior of her father, which made Ada instantly famous upon birth. Ada would go on to overcome numerous obstacles to obtain a level of education typically forbidden to women of her day. She would eventually join forces with Charles Babbage, generally credited with inventing the computer, although as Essinger makes clear, Babbage couldn’t have done it without Lovelace. Indeed, Lovelace wrote what is today considered the world’s first computer program—despite opposition that the principles of science were “beyond the strength of a woman’s physical power of application.” Based on ten years of research and filled with fascinating characters and observations of the period, not to mention numerous illustrations, Essinger tells Ada’s fascinating story in unprecedented detail to absorbing and inspiring effect.

Ada's Ideas

My First Ada Lovelace

Who Says Women Can't Be Computer Programmers?

Who Says Women Can't Be Doctors?

I, ADA

The Story of the Recycled Orchestra of Paraguay

You loved the bestselling picture books starring Rosie Revere, Ada Twist, and Iggy Peck. Now you can follow The Questioneers' further adventures in all-new chapter books! Don't miss the first instant New York Times bestselling volume, Rosie Revere and the Raucous Riveters. In Ada Twist and the Perilous Pants, Ada must rely on her curious mind, her brave spirit, and her best pals Rosie Revere and Iggy Peck to solve a mystery in her own backyard. Ada Twist is full of questions. A scientist to her very core, Ada asks why again and again. One question always leads to another until she's off on a journey of discovery! When Rosie Revere's Uncle Ned gets a little carried away wearing his famous hellum pants, it's up to Ada and friends to chase him down. As Uncle Ned floats farther and farther away, Ada starts asking lots of questions: How high can a balloon float? Is it possible for Uncle Ned to float into outer space? And what's the best plan for getting him down? Collect them all! Add these other STEM favorites from #1 New York Times bestselling team Andrea Beaty and David Roberts to your family library today! Rosie Revere, Engineer Ada Twist, Scientist Iggy Peck, Architect Rosie Revere and the Raucous Riveters Ada Twist's Big Project Book for Stellar Scientists Iggy Peck's Big Project Book for Amazing Architects Rosie Revere's Big Project Book for Bold Engineers The Questioneers Family Calendar, coming May 2019!

The early life of Ada Lovelace, the 19th-century mathematician who is considered by many to be the world's first computer programmer. Ada Byron is rich and clever, but she longs to be free. Free to explore all the amazing ideas that come to her imagination, like flying mechanical horses and stories inspired by her travels. Free to find love and passion beyond the watchful gaze of her mother and governesses. And free to learn the full truth about her father, the notorious Lord Byron. Then Ada meets a man whose invention might just change the world - and he needs her visionary brilliance to bring it to life . . . A wonderfully witty and poignant portrayal of the young life of Ada Lovelace, the 19th-century mathematician who is hailed as the world's first computer programmer.

Having overcome the stares and whispers for the noticeable birthmark she bears on her cheek, Old Order Amish schoolteacher Lena Kauffman channehs her zest for living into her love of teaching, but tensions mount when she is challenged to work with a rebellious young man and deal with several crises that threaten her other students. Original.

This illuminating biography reveals how the daughter of Lord Byron, Britain's most infamous Romantic poet, became the world's first computer programmer. Even by 1800s standards, Ada Byron Lovelace had an unusual upbringing. Her strict mother worked hard at cultivating her own role as the long-suffering ex-wife of bad-boy poet Lord Byron while raising Ada in isolation. Tutored by the brightest minds, Ada developed a hunger for mental puzzles, mathematical conundrums, and scientific discovery that kept pace with the breathtaking advances of the industrial and social revolutions taking place in Europe. At seventeen, Ada met eccentric inventor Charles Babbage, a kindred spirit. Their ensuing collaborations resulted in ideas and concepts that presaged computer programming by almost two hundred years, and Ada Lovelace is now recognized as a pioneer and prophet of the information age. Award-winning author Emily Arnold McCully opens the window on a peculiar and singular intellect, shaped — and hampered — by history, social norms, and family dysfunction. The result is a portrait that is at once remarkable and fascinating, tragic and triumphant.

An American History

Ada, or Ardor

The War that Saved My Life

Ada Lovelace

The Fantastically Feminist (and Totally True) Story of the Mathematician Extraordinaire

The Story of Elizabeth Blackwell

Became the world of *Code Ninjas* Stories for Rebel Girls comes a story based on the exciting adventures of Ada Lovelace: one of the world’s first computer programmers. Growing up in nineteenth century London, England, Ada is curious about absolutely everything. She is obsessed with machines and with creatures that fly. She even designs her own flying laboratory! According to her mother, Ada is a bit too wild, so she encourages Ada to study math. At first Ada thinks: Bleh! Who can get excited about a subject without pictures? But she soon falls in love with it. One day she encounters a mysterious machine, and from that moment forward Ada imagines a future full of possibility—one that will eventually inspire the digital age nearly two hundred years later. Ada Lovelace Cracks the Code is the story of a pioneer in the computer sciences, and a testament to women’s invaluable contributions to STEM throughout history. Includes additional text on Ada Lovelace’s lasting legacy, as well as educational activities designed to teach simple coding and mathematical concepts.

Humanity’s super-intelligent AI Gods brutally punish breaches in reality, as one young scientist discovers, in this intense and brilliant space opera. Antiside scientist Yasira Shien has developed a radical new energy drive that could change the future of humanity. But when she activates it, reality warps, destroying the space station and everyone aboard. The AI Gods who rule the galaxy declare her work heretical, and Yasira is punished by their agents. Instead of simply executing her, they offer mercy — if she’ll help them run a bigger target: her own mysterious, vanished mentor. With her homework’s fate in the balance, Yasira must choose who to trust: the gods and their ruthless post-human angels, or the rebel scientist who no longer than mathematics could turn her world inside out. *File Under: Science Fiction | False Gods | Angel Inside | Antisidic in Space | Here be Monsters*]

Published two weeks after his seventieth birthday, Ada, or Ardor is one of Nabokov’s greatest masterpieces, the glorious culmination of his career as a novelist. It tells a love story troubled by incest. But more: it is also at once a fairy tale, epic, philosophical treatise on the nature of time, parody of the history of the novel, and erotic catalogue. Ada, or Ardor is no less than the supreme work of an imagination at white heat. This is the first American edition to include the extensive and ingeniously sardonic appendix by the author, written under the anagrammatic pseudonym Vivian Darkblom.

Gift your kid the inspirational tale of Ada Lovelace! Inspire strength, innovation, and unlimited possibilities. Are you looking for an inspirational book to inspire the inner genius of your kids? Can you imagine your little one having so much fun reading, they prefer reading over screen time? Then, you will love our child-friendly biography of Ada Lovelace! Use this exciting biography book to instill timeless values & principles in your child. This book consists of 5 parts: I: Illustrated biography - Printed in full color and written like a storybook, these 26 pages of engaging illustrations are sure to engage your little ones... (Warning: Reading could become addictive) II: Extended biography - Curated to deepen your child's knowledge about Ada Lovelace, our extended biography is also perfect for school reports... III: Gallery - Impress your little ones with an iconic photo of Ada Lovelace... IV: Glossary - Reinforce your child's learning with simplified explanations of advanced vocabulary... V: Muse Museum - Introduce your little ones to a myriad of other inspirational individuals in our book collection... VI: BONUS Education Guide - The perfect educational tool (downloadable pdf) to create a class around or to spark an enriching conversation just before bedtime... Age Specifications: This illustrated biography book of Ada Lovelace is perfect for boys and girls between 5 to 10 years old and it is awesome for any child (toddlers, preschool and kindergarten) who is interested in reading. Your kid will love it! About Ada Lovelace: Known as the “Enchantress of Numbers”, Ada Lovelace was a visionary mathematician who was a forerunner of modern day computing. Challenging the gender-norms of her time, Ada Lovelace was a well-rounded mathematician who not only pioneered women’s involvement in technology, but also blazed a trail for the invention of computers a century before it was actually built! An unheralded pioneer in technology, Ada Lovelace and her accomplishments remain a huge inspiration to women and technophiles to this day. “The more I study, the more insatiable do I feel my genius for it to be.” - Ada Lovelace Wait no more! Scroll up now and click on the “Buy Now” button to gift your kid the inspirational tale of Ada Lovelace!

A Female Genius

Ada and the Galaxies

All the Way to the Top

Too Like the Lightning

The Thrilling Adventures of Lovelace and Babbage

The Bridge of Peace

Mycroft Canner is a convict. For his crimes he is required, as is the custom of the 25th century, to wander the world being as useful as he can to all he meets. Carlyle Foster is a sensayer--a spiritual counselor in a world that has outlawed the public practice of religion, but which also knows that the inner lives of humans cannot be wished away. The world into which Mycroft and Carlyle have been born is as strange to our 21st-century eyes as ours would be to a native of the 1500s. It is a hard-won utopia built on technologically-generated abundance, and also on complex and mandatory systems of labeling all public writing and speech. What seem to us normal gender distinctions are now distinctly taboo in most social situations. And most of the world's population is affiliated with globe-girdling clans of the like-minded, whose endless economic and cultural competition is carefully managed by central planners of inestimable subtlety. To us it seems like a mad combination of heaven and hell. To them, it seems like normal life. And in this world, Mycroft and Carlyle have stumbled on the wild card that may destabilize the system: the boy Bridger, who can effortlessly make his wishes come true. Who can, it would seem, bring inanimate objects to life...

The epic history of Cuba from before Columbus arrived to modern times and its complex relationship with the United States

Ada, Countess of Lovelace (1815-1852), daughter of romantic poet Lord Byron and his highly educated wife, Anne Isabella, is sometimes called the world's first computer programmer and has become an icon for women in technology. But how did a young woman in the nineteenth century, without access to formal school or university education, acquire the knowledge and expertise to become a pioneer of computer science?Although an unusual pursuit for women at the time, Ada Lovelace studied science and mathematics from a young age. This book uses previously unpublished archival material to explore her precocious childhood, from her ideas for a steam-powered flying horse to penetrating questions about the science of rainbows. A remarkable correspondence course with the eminent mathematician Augustus De Morgan shows her developing into a gifted, perceptive and knowledgeable mathematician. Active in Victorian London's social and scientific elite alongside Mary Somerville, Michael Faraday and Charles Dickens, Ada Lovelace became fascinated by the computing machines devised by Charles Babbage. The table of mathematical formulae sometimes called the "first programme" occurs in her paper about his most ambitious invention, his unbuilt "Analytical Engine."Ada Lovelace died at just thirty-six, but her paper still strikes a chord to this day, with clear explanations of the principles of computing, and broader ideas on computer music and artificial intelligence now realised in modern digital computers. Featuring images of the "first programme" and Lovelace's correspondence, alongside mathematical models, and contemporary illustrations, this book shows how Ada Lovelace, with astonishing prescience, explored key mathematical questions to understand the principles behind modern computing.

In the 1830s, when a brave and curious girl named Elizabeth Blackwell was growing up, women were supposed to be wives and mothers. Some women could be teachers or seamstresses, but career options were few. Certainly no women were doctors. But Elizabeth refused to accept the common beliefs that women weren't smart enough to be doctors, or that they were too weak for such hard work. And she would not take no for an answer. Although she faced much opposition, she worked hard and finally—when she graduated from medical school and went on to have a brilliant career—proved her detractors wrong. This inspiring story of the first female doctor shows how one strong-willed woman opened the doors for all the female doctors to come. Who Says Women Can't Be Doctors? by Tanya Lee Stone is an NPR Best Book of 2013 This title has common core connections.

Ada

Ada Lovelace Cracks the Code

The (Mostly) True Story of the First Computer

What Animals Really Like

New Kind of Science

The Questioneers Book #2

Twelve-year-old Amelia gets the opportunity to attend a boarding school and learn how to use music to create magic, hoping to become a Maestro like her deceased mother.

Uses excerpts from letters, memoirs, and documents to recreate the life of Ada Byron, daughter of the English poet, and discusses her contributions to mathematics and her friendships with the leading mathematicians of the period

A compelling portrait of a woman who saw the potential for numbers to make art!

This is the story of a little girl who just wanted to go, even when others tried to stop her. Jennifer Keelan was determined to make a change—even if she was just a kid. She never thought her wheelchair could slow her down, but the way the world around her was built made it hard to do even simple things. Like going to school, or eating lunch in the cafeteria. Jennifer knew that everyone deserves a voice! Then the Americans with Disabilities Act, a law that would make public spaces much more accessible to people with disabilities, was proposed to Congress. And to make sure it passed, Jennifer went to the steps of the Capitol building in Washington DC to convince them. And, without her wheelchair, she climbed. ALL THE WAY TO THE TOP!

Dreaming in Code: Ada Byron Lovelace, Computer Pioneer

Ada Lovelace, Poet of Science

A Life and a Legacy

An Artistic Tale

Iggy Peck, Architect

Offers an illustrated telling of the story of Ada Byron Lovelace, from her early creative fascination with mathematics and science and her devastating bout with measles, to the ground-breaking algorithm she wrote for Charles Babbage's analytical engine.

Ada Lovelace (1815–1852) was the daughter of Lord Byron, a poet, and Anna Isabella Milbanke, a mathematician. Her parents separated when she was young, and her mother insisted on a logic-focused education, rejecting Byron’s “mad” love of poetry. But Ada remained fascinated with her father and considered mathematics “poetical science.” Via her friendship with inventor Charles Babbage, she became involved in programming his Analytical Engine, a precursor to the computer, thus becoming the world’s first computer programmer. This picture book biography of Ada Lovelace is a compelling portrait of a woman who saw the potential for numbers to make art.

New, in My First Little People, Big Dreams series: Introduce your littllest one to the world's first computer programmer, Ada Lovelace. Told in simple sentences, this young reader edition of the best-selling series is perfect to read out loud to little dreamers. This empowering series celebrates the important life stories of wonderful women of the world – and is now in available in a board format for little hands! These books make the lives of these role models accessible for the youngest children, providing a powerful message to inspire the next generation of outstanding people who will change the world!

This new biography tells for the first time the story of the woman who, alongside Charles Babbage, invented the world's first computer. The daughter of Lord Byron, Ada was the visionary who recognised the true potential of Babbage's of cog-wheel computer, The Analytical Engine. She demonstrated to the world that computers wouldn't merely be adding machines, but that they would be able to think. Ada and Babbage may have been colleagues, but they were also the closest of friends. Though she was 20 years his junior, they developed lasting relationship that blossomed into romance. Babbage was a genius and Ada was a woman with a singular vision, unconstrained by her by her time. Here we learn of their friendship and extraordinary legacy.

The Story of Ada Lovelace

How One Girl's Fight for Americans with Disabilities Changed Everything

Ada and the Number-Crunching Machine

Notes from the Book

How Ada Lovelace Lord Byron's Daughter, Started the Computer Age

Ada's Violin

DIWhen the National Animal Choir performs the latest song by renowned composer and conductor Mr. Herbert Timberteeth, nothing goes exactly as planned. Mr. Timberteeth has some preconceived notions of what animals like to do that are reflected in his song. But it turns out that lions prefer flower arranging to prowling and shrimp would rather ski than swim! With all the dissension and mayhem, will the show still go on? This hilarious picture book delivers a subtle message about stereotyping that kids, who are so often pigeonholed, will appreciate. Awards and Praise for What Animals Really Like 2012 Wnner of the Irma S. Black & James H. Black Award for Excellence in Children's Literature "Robinson's story will keep children giggling at the beaver's frustrated reactions and the animals' unpredictable preferences. Encore!" --Publishers Weekly "Guffaws and surprising twists will have youngsters clamoring for a repeat performance. Brava!" --Kirkus Reviews /d/v

A picture book biography of Ada Lovelace, the woman recognized today as history’s first computer programmer—she imagined them 100 years before they existed! In the early nineteenth century lived Ada Byron: a young girl with a wild and wonderful imagination. The daughter of internationally acclaimed poet Lord Byron, Ada was tutored in science and mathematics from a very early age. But Ada’s imagination was never meant to be tamed and, armed with the fundamentals of math and engineering, she came into her own as a woman of ideas—equal parts mathematician and philosopher. From her whimsical beginnings as a gifted child to her most sophisticated notes on Charles Babbage’s Analytical Engine, this book celebrates the woman recognized today as the first computer programmer. This title has Common Core connections. Christy Ottaviano Books

Ada Lovelace, the daughter of Lord Byron was born in 1815 just after the Battle of Waterloo, and died aged 36, soon after the Great Exhibition of 1851. She was connected with some of the most influential and colourful characters of the age: Charles Dickens, Michael Faraday, Charles Darwin and Charles Babbage. It was her work with Babbage that led to her being credited with the invention of computer programming and to her name being adopted for the programming language that controls the US military machine. Ada personified the seismic historical changes taking place over her lifetime. This was the era when fissures began to open up in culture: romance split away from reason, instinct from intellect, art from science. Ada came to embody these new polarities and her life heralded a new era: the machine age. Reissued to coincide with the bicentenary of Ada’s birth, The Bride of Science is a fascinating examination of an extraordinary life offering devastating insight into the seemingly unbridgeable gulf between art and science, the consequences of which are still with us today.

‘Fascinating ... so enlightening that suddenly maths doesn't seem so fearsome as it once did' SIMON WINCHESTER From Aristotle to Ada Lovelace: a brief history of the mathematical ideas that have forever changed the world and the everyday people and pioneers behind them.

The story of our best invention yet.

Projects, Tips, and Adventures for Moms and Their 21st-Century Families

Cuba (Winner of the Pulitzer Prize)

Ada Twist and the Perilous Pants

The Mystwick School of Musicraft

Ada Twist's Big Project Book for Stellar Scientists

It All Adds Up: The Story of People and Mathematics

A All day, Whale swims through the ocean, wearing a poster advertising the big upcoming art exhibition. He visits the eel who wriggles abstract patterns in the sand, the squid who paints with ink, and the hammerhead shark who builds sculptures from salvage. Whale sees his friends' confidence and creativity and wishes he could be an artist too, but he doesn't know what to make and insists he's too ungainly to create art. Then one day, with the unexpected help of some bioluminescent plankton, he discovers his own distinct point of view and talent. From the award-winning author-illustrator of What Animals Really Like, hailed by School Library Journal as "sublime silliness,1? comes another inspiring tale about defying expectation and finding the artist within. Praise for Whale Shines STARRED REVIEW "At its core, Robinson's (What Animals Really Like) story is a tried and true tale of a wallflower realizing his potential. But her understated, offbeat voice and visuals—a mashup of classicism and graphic novel sensibilities—makes this a stand-out: up-to-the-minute modern in its irreverence and offhandedness, yet timeless in its understanding of a character's yearning."—Publishers Weekly, starred review "Sharp contrasts between light and dark are beautiful."—Kirkus Reviews "Children will embrace and understand the sincere, undervalued message of art as substantive and a way to 'share one's world.' This inspiring tale of artistic collaboration between the whale and bioluminescent plankton will be shared again and again."—School Library Journal "The watercolor and pencil art makes excellent use of the spreads' wide horizontality: while the art projects and, indeed, the underwater world are on the literal side for such an artistic-themed story, there's a murky charm to life in the briny deep... What's particularly appealing here is the casual inclusion of a wide variety of approaches to art, making this an entertaining lead-in to art projects, especially those involving the natural world."—Bulletin of The Center for Children Books

For curious young minds who ask why? how? what? when? and then why? again and again, the bestselling team behind Ada Twist, Scientist has developed a STEM project book based on the beloved character. Ada herself will take readers through the scientific method and introduce them to some of her favorite sciences, including chemistry, botany, astronomy, and environmental science. Budding scientists will solve everyday mysteries and come to think more critically about the world around them. Like Rosie's and Iggy's project books, Ada's will be empowering and kid-friendly, with tons of classroom and parent appeal. No kid's lab would be complete without it! An inspiring, empowering, fantastically feminist and totally true story, perfect for fans of Little People, Big Dreams and Goodnight Stories for Rebel Girls! Meet the remarkable Ada Lovelace: rebellious rule-breaker and maths whizz-kid. Growing up in the shadow of her eccentric superstar father, the poet Lord Byron, and under the eye of her strict mother, Ada spends her time inventing and designing flying machines and studying her favourite subject - maths. In Ada's time, girls aren't encouraged to pursue maths, physics or engineering as they're considered not clever enough but Ada doesn't let this stop her. Once she grows up, Ada meets the famous inventor and engineer Charles Babbage, who introduces her to a truly extraordinary machine ... one that will test Ada's powers of logic and imagination, and establish her as the world'd very first computer programmer! This is the absolutely astonishing, fantastically feminist and, best of all, totally true story of one amazingly determined young lady! A hilarious, irreverent book about doing your own thing Meet Iggy Peck—creative, independent, and not afraid to express himself! In the spirit of David Shannon's No, David and Rosemary Wells's Noisy Nora, Iggy Peck will delight readers looking for irreverent, inspired fun. Iggy has one passion: building. His parents are proud of his fabulous creations, though they're sometimes surprised by his materials—who could forget the tower he built of dirty diapers? When his second-grade teacher declares her dislike of architecture, Iggy faces a challenge. He loves building too much to give it up! With Andrea Beaty's irresistible rhyming text and David Roberts's puckish illustrations, this book will charm creative kids everywhere, and amuse their sometimes bewildered parents. Also from the powerhouse author-illustrator team of Iggy Peck, Architect, is Rosie Revere, Engineer, a charming, witty picture book about believing in yourself and pursuing your passion. Ada Twist, Scientist, the companion picture book featuring the new kid from Iggy Peck's class, is available in September 2016.

The Bride of Science

How Lord Byron's Daughter Ada Lovelace Launched the Digital Age

A Family Chronicle

Whale Shines

The First Computer Programmer

Geek Mom

A #1 New York Times Bestseller A Wall Street Journal Bestseller A USA Today Bestseller The creators of the New York Times bestselling picture books Rosie Revere, Engineer and Iggy Peck, Architect are back with a story about the power of curiosity in the hands of a child who is on a mission to use science to understand her world. Ada Twist, Scientist, from powerhouse team Andrea Beaty and David Roberts, is a celebration of STEM, perseverance, and passion. Like her classmates, builder Iggy and inventor Rosie, scientist Ada, a character of color, has a boundless imagination and has always been hopelessly curious. Why are there pointy things stuck to a rose? Why are there hairs growing inside your nose? When her house fills with a horrific, toe-curling smell, Ada knows it's up to her to find the source. What would you do with a problem like this? Not afraid of failure, Ada embarks on a fact-finding mission and conducts scientific experiments, all in the name of discovery. But, this time, her experiments lead to even more stink and get her into trouble! Inspired by real-life makers such as Ada Lovelace and Marie Curie, Ada Twist, Scientist champions girl power and women scientists, and brings welcome diversity to picture books about girls in science. Touching on themes of never giving up and problem solving, Ada comes to learn that her questions might not always lead to answers, but rather to more questions. She may never find the source of the stink, but with a supportive family and the space to figure it out, she'll be able to feed her curiosity in the ways a young scientist should. Iggy Peck and Rosie Revere have earned their places among the most beloved children's characters, and they have inspired countless kids and adults to follow their dreams and passions. Now in her own charming and witty picture book, determined Ada Twist, with her boundless curiosity for science and love of the question "Why," is destined to join these two favorites. The book is the perfect tool to remind both young girls and women that they have the intelligence and perseverance to achieve their dreams.

** Newbery Honor Book * #1 New York Times Bestseller * Winner of the Schneider Family Book Award * Wall Street Journal Best Children's Books of the Year * New York Public Library's 100 Books for Reading and Sharing An exceptionally moving story of triumph against all odds set during World War II, from the acclaimed author of Fighting Words, and for fans of Fish in a Tree and Number the Stars. Ten-year-old Ada has never left her one-room apartment. Her mother is too humiliated by Ada's twisted foot to let her outside. So when her little brother Jamie is shipped out of London to escape the war, Ada doesn't waste a minute—she sneaks out to join him. So begins a new adventure for Ada, and for Susan Smith, the woman who is forced to take the two kids in. As Ada teaches herself to ride a pony, learns to read, and watches for German spies, she begins to trust Susan—and Susan begins to love Ada and Jamie. But in the end, will their bond be enough to hold them together through wartime? Or will Ada and her brother fall back into the cruel hands of their mother? This masterful work of historical fiction is equal parts adventure and a moving tale of family and identity—a classic in the making. "Achingly lovely...Nuanced and emotionally acute."—The Wall Street Journal "Unforgettable...unflinching..."Common Sense Media [] "Brisk and honest...Cause for celebration."—Kirkus, starred review [] "Poignant."—Publishers Weekly, starred review [] "Powerful."—The Horn Book, starred review "Affecting."—Booklist "Emotionally satisfying...[A] page-turner."—BCBB "Exquisitely written...Heart-lifting."—SLJ "Astounding...This book is remarkable."—Karen Cushman, author The Midwife's Apprentice "Beautifully told."—Patricia MacLachlan, author of Sarah, Plain and Tall "I read this novel in two big gulps."—Gary D. Schmidt, author of Okay for Now "I love Ada's bold heart...Her story's riveting."—Sheila Turnage, author of Three Times Lucky*

It's fast becoming a geek world out there, and all moms need to show off their tech smarts and superhero-like skills in order to keep their savvy kids entertained and engaged. Geek Mom: Projects, Tips, and Adventures for Moms and Their 21st-Century Families explores the many fun and interesting ways that digital-age parents and kids can get their geek on together. Imaginative ideas for all ages and budgets include thrifty Halloween costumes, homemade lava lamps, hobbit feasts, and magical role-playing games. There are even projects for moms to try when they have a few precious moments alone. With six sections spanning everything from home-science experiments to superheroes, this comprehensive handbook from the editors of Wired.com's popular GeekMom blog is packed with ideas guaranteed to inspire a love of learning and discovery. Along the way, parents will also find important tips on topics such as determining safe online communities for children, organizing a home learning center, and encouraging girls to love science. Being geeky is all about exploring the world with endless curiosity. Geek Mom is your invitation to introducing the same sense of wonder and imagination to the next generation.

The Making of a Computer Scientist

Ada Byron Lovelace and the Thinking Machine

(Children's Biography Book, Kids Books, Age 5-10, Historical Women in History)

Ada Twist, Scientist

The Story of Ada Lovelace, the World's First Computer Programmer

The Outside

Ada's IdeasThe Story of Ada Lovelace, the World's First Computer ProgrammerAbrams

Ada's Algorithm