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# Girls Think Of Everything Stories Of Ingenious Inventions By Women

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The Zoom, Fly, Bolt, Blast STEAM Handbook  
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Hedy Lamarr's Double Life

*Girls Think Of Everything Stories Of  
Ingenious Inventions By Women*

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## **HOGAN HANEY**

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The Zoom, Fly, Bolt, Blast STEAM Handbook Henry Holt Books For Young Readers

In this stunning, first-ever fully-illustrated biography of legendary author E.B. White, Sibert medalist and Caldecott Honor winner Melissa Sweet uses White's letters, photos, and mementos, as well as her original collaged art, to tell the true story of one of the most beloved authors of all time.

### *Everything I Thought I Knew* Anchor

The award-winning New York Times bestseller about the American women who secretly served as codebreakers during World War II--a "prodigiously researched and engrossing" (New York Times) book that "shines a light on a hidden chapter of American history" (Denver Post). Recruited by the U.S. Army and Navy from small towns and elite colleges, more than ten thousand women served as codebreakers during World War II. While their brothers and boyfriends took up arms, these women moved to Washington and learned the meticulous work of code-breaking. Their efforts shortened the war, saved countless lives,

and gave them access to careers previously denied to them. A strict vow of secrecy nearly erased their efforts from history; now, through dazzling research and interviews with surviving code girls, bestselling author Liza Mundy brings to life this riveting and vital story of American courage, service, and scientific accomplishment.

#### *Team Moon* Penguin

With her sketchbook labeled My Inventions and her father's toolbox, Mattie could make almost anything – toys, sleds, and a foot warmer. When she was just twelve years old, Mattie designed a metal guard to prevent shuttles from shooting off textile looms and injuring workers. As an adult, Mattie invented the machine that makes the square-bottom paper bags we still use today. However, in court, a man claimed the invention was his, stating that she "could not possibly understand the mechanical complexities." Marvelous Mattie proved him wrong, and over the course of her life earned the title of "the Lady Edison." With charming pen-and-ink and watercolor illustrations, this introduction to one of the most prolific female inventors will leave readers inspired. *Marvelous Mattie* is a 2007 Bank Street - Best Children's Book of the Year.

#### **Girls Think of Everything** Roaring Brook Press

In this beloved New York Times bestselling picture book, meet Rosie Revere, a seemingly quiet girl by day but a brilliant inventor of gizmos and gadgets by night. Rosie dreams of becoming a great engineer, and her room becomes a secret workshop where she constructs ingenious inventions from odds and ends. From hot dog dispensers to helium pants and python-repelling cheese hats, Rosie's creations would astound anyone—if

only she'd let them see. But Rosie is afraid of failure, so she hides her inventions under her bed. That is, until her great-great-aunt Rose (also known as Rosie the Riveter) pays her a visit. Aunt Rose teaches Rosie that the first flop isn't something to fear; it's something to celebrate. Failure only truly happens if you quit. And so, Rosie learns to embrace her passion, celebrate her missteps, and pursue her dreams with persistence. This empowering picture book encourages young readers to explore their creativity, persevere through challenges, and celebrate the journey toward achieving their goals. Whether you're a budding engineer or simply love stories of resilience, *Rosie Revere, Engineer* is a delightful read for all ages. Add this inspiring tale to your family library and discover the magic of celebrating each failure on the road to success. Don't miss the book that the Duchess of York recently chose to read aloud at a Literally Healing visit to a children's hospital. For more STEM-themed adventures, check out other titles by Andrea Beaty and David Roberts, including *Ada Twist, Scientist*, *Iggy Peck, Architect*, and *Rosie Revere and the Raucous Riveters*. "Will no doubt inspire conversations with children about the benefits of failure and the pursuit of dreams." —School Library Journal Check out all the books in the Questioners Series: *The Questioners Picture Book Series: Iggy Peck, Architect | Rosie Revere, Engineer | Ada Twist, Scientist | Sofia Valdez, Future Prez | Aaron Slater, Illustrator | Lila Greer, Teacher of the Year* *The Questioners Chapter Book Series: Rosie Revere and the Raucous Riveters | Ada Twist and the Perilous Pants | Iggy Peck and the Mysterious Mansion | Sofia Valdez and the Vanishing Vote | Ada Twist and the Disappearing Dogs | Aaron Slater and the Sneaky Snake* *Questioners: The*

Why Files Series: Exploring Flight! | All About Plants! | The Science of Baking | Bug Bonanza! | Rockin' Robots! Questioners: Ada Twist, Scientist Series: Ghost Busted | Show Me the Bunny | Ada Twist, Scientist: Brainstorm Book | 5-Minute Ada Twist, Scientist Stories The Questioners Big Project Book Series: Iggy Peck's Big Project Book for Amazing Architects | Rosie Revere's Big Project Book for Bold Engineers | Ada Twist's Big Project Book for Stellar Scientists | Sofia Valdez's Big Project Book for Awesome Activists | Aaron Slater's Big Project Book for Astonishing Artists

*Everything Sad Is Untrue* Grove Press

The perfect introduction for learning about women throughout history who dared to do the extraordinary! Inspire our new generation of women to explore, discover, persist, succeed, and fight like a girl! A great gift for girls 9-12! Women have been doing amazing, daring, and dangerous things for years, but they're rarely mentioned in our history books as adventurers, daredevils, or rebels. This new compilation of brief biographies features women throughout history who have risked their lives for adventure—many of whom you may not know, but all of whom you'll WANT to know, such as: Annie Edson Taylor, the first person who dared to go over Niagara Falls in a barrel Valentina Tereshkova, the first woman who dared to fly in space Helen Gibson, the first woman who dared to be a professional stunt person And many more! If you and your child enjoyed *She Persisted* by Chelsea Clinton, *Little Dreamers*, *Goodnight Stories for Rebel Girls* or *Girls Think of Everything*, you will love reading *Women Who Dared*.

*Marvelous Mattie* Simon and Schuster

“This behind-the-scenes look at the first Apollo moon landing has the feel of a public television documentary in its breadth and detail” (Publishers Weekly, starred review). Here is a rare perspective on a story we only thought we knew. For Apollo 11, the first moon landing, is a story that belongs to many, not just the few and famous. It belongs to the seamstress who put together twenty-two layers of fabric for each space suit. To the engineers who created a special heat shield to protect the capsule during its fiery reentry. It belongs to the flight directors, camera designers, software experts, suit testers, telescope crew, aerospace technicians, photo developers, engineers, and navigators. Gathering direct quotes from some of these folks who worked behind the scenes, Catherine Thimmesh reveals their very human worries and concerns. Culling NASA transcripts, national archives, and stunning NASA photos from Apollo 11, she captures not only the sheer magnitude of this feat but also the dedication, ingenuity, and perseverance of the greatest team ever—the team that worked to first put man on that great gray rock in the sky. Winner of the Robert F. Sibert Informational Book Award “An edge-of-your-seat adventure . . . Lavishly illustrated . . . This exhilarating book . . . will captivate.” —Chicago Sun-Times “Thimmesh gives names and voices to the army that got Neil Armstrong and company to the moon and back. The result is a spectacular and highly original addition to the literature of space exploration.” —The Horn Book “This beautiful and well-documented tribute will introduce a new generation to that triumphant time.” —Kirkus Reviews (starred review)

*Rosie Revere, Engineer* Hachette UK

THE SENSATIONAL NO.1 BESTSELLER 'The definitive book of the

year in our house, for both parents and offspring' Maggie O'Farrell, Guardian Books of the Year 'Absolutely beautiful - get one for yourself and one to inspire a woman in your life' Stylist 'In an ideal world, not only would mothers read this aloud to their daughters, but teachers would read it to schoolboys' Sunday Times What if the princess didn't marry Prince Charming but instead went on to be an astronaut? What if the jealous step sisters were supportive and kind? And what if the queen was the one really in charge of the kingdom? Illustrated by sixty female artists from every corner of the globe, Good Night Stories for Rebel Girls introduces us to one hundred remarkable women and their extraordinary lives, from Ada Lovelace to Malala, Amelia Earhart to Michelle Obama. Empowering, moving and inspirational, these are true fairy tales for heroines who definitely don't need rescuing.

*I Choose To Try Again* Farrar, Straus and Giroux (BYR)

Fully reveals the shocking truth! --Daily News \* A landmark book completely revised and updated to reveal what men really know about the opposite sex. In a little more than 100 pages, Dr. Alan Francis distills years of research and thousands of interviews to reveal the most comprehensive understanding of men's knowledge and understanding of the opposite sex in *Everything Men Know About Women*. \* Fiercely frank and insightfully funny, Dr. Francis literally spells out everything men know on topics ranging from making friends with women to satisfying women in bed. To quote directly from famed Dr. Francis, men already know, about women and this book will teach them. \* That's right, between the pages of this telling tome, readers will find 128 blank pages. Because in reality, what do men really know about

women?

*My Family Divided* Enslow Publishing, LLC

Despite scientific evidence to the contrary, as far as the health care profession is concerned the standard operating design of the human body in male. So when a book comes along as beautifully written and endlessly informative as Natalie Angier's *Woman: An Intimate Geography*, it's a cause for major celebration. Written with whimsy and eloquence, her investigation into female physiology draws its inspiration not only from scientific and medical sources but also from mythology, history, art, and literature, layering biological factoids with her own personal encounters and arcane anecdotes from the history of science. Who knew, for example, that the clitoris-with 8,000 nerve fibers-packs double the pleasure of the penis; that the gene controlling cellular sensitivity to male androgens, ironically enough, resides on the X-chromosome; or that stress hormones like cortisol and corticosterone are the true precursors of friendship?The mysteries of evolution are not a new subject for Angier, a Pulitzer Prize-winning biology writer for the New York Times whose previous books include *The Canon* and *Natural Obsessions*. The strengths of *Woman* begin with Angier's witty and evocative prose style, but its real contribution is the way it expands the definition of female 'geography' beyond womb, breasts, and estrogen, down as far as the bimolecular substructure of DNA and up as high as the transcendent infrastructure of the human brain.

**Everything I Know About Love** Abrams

A debut young adult rom-com about an African American ballerina who finds love on the road to an audition. "In a world where it's easy to lose faith in love, *I Wanna Be Where You Are* is

a brilliant burst of light. A dazzling debut." — Nic Stone, New York Times bestselling author of *Dear Martin* and *Odd One Out* When Chloe Pierce's mom forbids her to apply for a spot at the dance conservatory of her dreams, she devises a secret plan to drive two hundred miles to the nearest audition. But Chloe hits her first speed bump when her annoying neighbor Eli insists upon hitching a ride, threatening to tell Chloe's mom if she leaves him and his smelly dog, Geezer, behind. So now Chloe's chasing her ballet dreams down the east coast—two unwanted (but kinda cute) passengers in her car, butterflies in her stomach, and a really dope playlist on repeat. Filled with roadside hijinks, heart-stirring romance, and a few broken rules, Kristina Forest's *I Wanna Be Where You Are* is a YA debut perfect for fans of Jenny Han and Sandhya Menon.

#### **Women of Invention** Clarion Books

Rockport Publishing's creative engineering extraordinaire, Lance Akiyama, returns again with *The Zoom, Fly, Bolt, Blast STEAM Handbook*, featuring 18 STEAM projects to get kids doing, thinking, and building! There is new emphasis in education to introduce STEM and STEAM to children earlier in life, often in elementary school. Just take a look at schools' shifting curricula, the explosion of maker spaces around the country, and demand by parents to have their children engaged with STEAM activities. *The Zoom, Fly, Bolt, Blast STEAM Handbook* gives parents and kids ages 6 to 10 a selection of 18 engaging projects to build together. And when they're finished, they'll have personalized creations that fly, race, and blast off! Make an automaton, a pneumatic machine, a suspension bridge, a flexible hand, a crash-test car, a (working) vacuum cleaner, and a dozen more

ingenious, kid-tested projects. This project book is the latest title by Rockport's creative-engineering rockstar, Lance Akiyama, (who you may remember from *Rubber Band Engineer*, *Duct Tape Engineer*, and *Launchers, Lobbers, and Rockets Engineer*) and was made in cooperation with Galileo Learning. Galileo Learning operates over 70 innovation camps in Chicagoland and California, where Lance proudly works as a curriculum developer. Galileo's curriculum is rigorously developed by a small team of project-based learning experts, including former classroom teachers, Stanford University grads, entrepreneurs, artists, and makers. Each project idea is created to support Galileo's mission of developing innovators who envision and create a better world.

*The Best of Everything* Simon and Schuster

#1 International Bestseller Winner of the 2019 Financial Times and McKinsey Business Book of the Year Award Winner of the 2019 Royal Society Science Book Prize A landmark, prize-winning, international bestselling examination of how a gender gap in data perpetuates bias and disadvantages women, now in paperback Data is fundamental to the modern world. From economic development to health care to education and public policy, we rely on numbers to allocate resources and make crucial decisions. But because so much data fails to take into account gender, because it treats men as the default and women as atypical, bias and discrimination are baked into our systems. And women pay tremendous costs for this insidious bias, in time, in money, and often with their lives. Celebrated feminist advocate Caroline Criado Perez investigates this shocking root cause of gender inequality in the award-winning, #1 international bestseller *Invisible Women*. Examining the home, the workplace, the public

square, the doctor's office, and more, Criado Perez unearths a dangerous pattern in data and its consequences on women's lives. Product designers use a "one-size-fits-all" approach to everything from pianos to cell phones to voice recognition software, when in fact this approach is designed to fit men. Cities prioritize men's needs when designing public transportation, roads, and even snow removal, neglecting to consider women's safety or unique responsibilities and travel patterns. And in medical research, women have largely been excluded from studies and textbooks, leaving them chronically misunderstood, mistreated, and misdiagnosed. Built on hundreds of studies in the United States, in the United Kingdom, and around the world, and written with energy, wit, and sparkling intelligence, this is a groundbreaking, highly readable exposé that will change the way you look at the world.

The Girls Andrews McMeel Publishing

"The star of *Orange Is the New Black* and Jane the Virgin, Diane Guerrero presents her personal story in this middle grade memoir about her parents' deportation and the nightmarish struggles of undocumented immigrants and their American children"--

*Girls Who Looked Under Rocks* Hachette Books

A National Indie Bestseller An NPR Best Book of the Year A New York Times Best Book of the Year An Amazon Best Book of the Year A Booklist Editors' Choice A BookPage Best Book of the Year A NECBA Windows & Mirrors Selection A Publishers Weekly Best Book of the Year A Wall Street Journal Best Book of the Year A Today.com Best of the Year PRAISE "A modern masterpiece."

—The New York Times Book Review "Supple, sparkling and original." —The Wall Street Journal "Mesmerizing." —TODAY.com

"This book could change the world." —BookPage "Like nothing else you've read or ever will read." —Linda Sue Park "It hooks you right from the opening line." —NPR SEVEN STARRED REVIEWS ★ "A modern epic." —Kirkus Reviews, starred review ★ "A rare treasure of a book." —Publishers Weekly, starred review ★ "A story that soars." —The Bulletin, starred review ★ "At once beautiful and painful." —School Library Journal, starred review ★ "Raises the literary bar in children's lit." —Booklist, starred review ★ "Poignant and powerful." —Foreword Reviews, starred review ★ "One of the most extraordinary books of the year."

—BookPage, starred review A sprawling, evocative, and groundbreaking autobiographical novel told in the unforgettable and hilarious voice of a young Iranian refugee. It is a powerfully layered novel that poses the questions: Who owns the truth? Who speaks it? Who believes it? "A patchwork story is the shame of the refugee," Nayeri writes early in the novel. In an Oklahoman middle school, Khosrou (whom everyone calls Daniel) stands in front of a skeptical audience of classmates, telling the tales of his family's history, stretching back years, decades, and centuries. At the core is Daniel's story of how they became refugees—starting with his mother's vocal embrace of Christianity in a country that made such a thing a capital offense, and continuing through their midnight flight from the secret police, bribing their way onto a plane-to-anywhere. Anywhere becomes the sad, cement refugee camps of Italy, and then finally asylum in the U.S. Implementing a distinct literary style and challenging western narrative structures, Nayeri deftly weaves through stories of the long and beautiful history of his family in Iran, adding a richness of ancient tales and Persian folklore. Like Scheherazade of One Thousand

and *One Nights* in a hostile classroom, Daniel spins a tale to save his own life: to stake his claim to the truth. *EVERYTHING SAD IS UNTRUE* (a true story) is a tale of heartbreak and resilience and urges readers to speak their truth and be heard.

Code Girls Scribe Publications

SHORTLISTED FOR THE 2018 MAN BOOKER PRIZE An eerie, watery reimagining of the Oedipus myth set on the canals of Oxford, from the author of *Fen* The dictionary doesn't contain every word. Gretel, a lexicographer by trade, knows this better than most. She grew up on a houseboat with her mother, wandering the canals of Oxford and speaking a private language of their own invention. Her mother disappeared when Gretel was a teen, abandoning her to foster care, and Gretel has tried to move on, spending her days updating dictionary entries. One phone call from her mother is all it takes for the past to come rushing back. To find her, Gretel will have to recover buried memories of her final, fateful winter on the canals. A runaway boy had found community and shelter with them, and all three were haunted by their past and stalked by an ominous creature lurking in the canal: the bonak. Everything and nothing at once, the bonak was Gretel's name for the thing she feared most. And now that she's searching for her mother, she'll have to face it. In this electrifying reinterpretation of a classical myth, Daisy Johnson explores questions of fate and free will, gender fluidity, and fractured family relationships. *Everything Under*—a debut novel whose surreal, watery landscape will resonate with fans of *Fen*—is a daring, moving story that will leave you unsettled and unstrung.

People We Meet on Vacation Clarion Books

“Revelatory to young audiences in more ways than one.” —Kirkus  
 “Many STEM-for-girls biographies fan excitement over women's achievements, but this title actually brings the central scientific concept within middle-grade reach.” —The Bulletin of the Center for Children's Books  
 Movie star by day, ace inventor at night: learn about the hidden life of actress Hedy Lamarr! To her adoring public, Hedy Lamarr was a glamorous movie star, widely considered the most beautiful woman in the world. But in private, she was something more: a brilliant inventor. And for many years only her closest friends knew her secret. Now Laurie Wallmark and Katy Wu, who collaborated on Sterling's critically acclaimed picture-book biography *Grace Hopper: Queen of Computer Code*, tell the inspiring story of how, during World War Two, Lamarr developed a groundbreaking communications system that still remains essential to the security of today's technology.

Good Night Stories for Rebel Girls Charlesbridge

Logan Lewis is new to Earth, and there are some human behaviors that are still a mystery! When he catches his classmate Madison cheating on a test, he doesn't understand why. She's one of the smartest kids in school. Madison doesn't get caught, but Logan decides to investigate the matter further. Logan discovers something he never expected, but can he step in before Madison's luck runs out?

*Normal* Houghton Mifflin Harcourt

A teenage girl wonders if she's inherited more than just a heart from her donor in this compulsively readable debut. Seventeen-year-old Chloe had a plan: work hard, get good grades, and attend a top-tier college. But after she collapses during cross-country practice and is told that she needs a new heart, all her



careful preparations are laid to waste. Eight months after her transplant, everything is different. Stuck in summer school with the underachievers, all she wants to do now is grab her surfboard and hit the waves--which is strange, because she wasn't interested in surfing before her transplant. (It doesn't hurt that her instructor, Kai, is seriously good-looking.) And that's not all that's strange. There's also the vivid recurring nightmare about crashing a motorcycle in a tunnel and memories of people and places she doesn't recognize. Is there something wrong with her head now, too, or is there another explanation for what she's experiencing? As she searches for answers, and as her attraction to Kai intensifies, what she learns will lead her to question everything she thought she knew--about life, death, love, identity, and the true nature of reality.

**Woman** Penguin UK

"Praised by RJ Palacio as "wondrous"--this moving memoir follows

a teenage boy with TC syndrome and his exceptional family from diagnosis at birth to now. "This touching memoir is a must-read for anyone who wants to know more about the real world experiences of a child with craniofacial differences and his extraordinary family. It's also more than that. It's a story about the love between a mother and a son, a child and his family, and the breadth of friends, helpers, and doctors that step in when the unexpected happens. It's a story that will make young readers reevaluate the word "normal" -- not only as it applies to others, but to themselves. Any book that can do that is pretty wondrous, as far as I'm concerned." --R. J. Palacio, author of Wonder"--

**Finding Wonders** Union Square & Co.

Tells the story of how women throughout the ages have responded to situations confronting them in daily life by inventing such items as correction fluid, space helmets, and disposable diapers.

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- Special Segments In Triangles Worksheet Answer Key : [click here](#)