

## Who Was Marie Curie

Discover the life of Marie Curie--a story about discovering big things through hard work Marie Curie became one of the most celebrated scientists in history. Before she changed the world with her discoveries in physics and chemistry, Marie was an intelligent girl who studied hard to reach the top of her class. She overcame many challenges, including people who told her she couldn't be a scientist because she was a woman. She didn't let anything stop her, and her important research is still helping people today. Explore how Marie Curie went from being a young girl growing up in Poland to a famous, Nobel Prize-winning scientist. The Story of Marie Curie includes: Helpful glossary--Find easy-to-understand definitions for some of the more advanced words and ideas in the book. Lasting change--See how Marie Curie made the world a better place for future generations. Test your knowledge--Take a fun quiz about the Who, What, Where, When, Why, and How of Marie's life. How will Marie's determination and curiosity inspire you? Graphic novel biography of historic scientist Marie Curie.

Draws on diaries, letters, and family interviews to discusses the lesser-known achievements and scientific insights of the Nobel Prize-winning scientist and producer of radium, documenting how she was

## Access Free Who Was Marie Curie

compromised by the prejudices of a male-dominated society in spite of her accomplishments. 30,000 first printing.

With backbreaking work in a ramshackle lab in Paris, Marie Curie and her husband Pierre achieve a revolutionary understanding of radiation and share a Nobel Prize. When her beloved Pierre dies in an accident, Marie is plunged into depression. Paul Langevin, fleeing an unhappy marriage, gives her the strength to return to her work. But the scandal over their affair threatens to end her career - just when she might become the first person ever to receive a second Nobel Prize. --back.

Marie Curie, renowned for her work on radioactivity, was the first woman to win a Nobel Prize, the first person to win in two fields (chemistry and physics), and the first woman to hold a chair position at the Sorbonne. Marie Curie for Kids details Curie's remarkable life, from her childhood under a repressive czar in Poland to her tireless work supporting herself through college to meeting her ideal match in scientist Pierre Curie to her revolutionary research. Kids learn how Curie quietly flouted societal norms, working in full partnership with her husband while also teaching and raising two daughters. Scientific concepts are presented in a clear, accessible way, and a range of activities—from making Polish pierogies to exploring magnetism to using electrolysis to split water—allow for exploration

## Access Free Who Was Marie Curie

of Curie's life, times, and work.

Two-time Nobel Prize winner Marie Curie accomplished amazing things in both chemistry and physics. This once Polish girl overcame all odds to be one of the most well-respected women in science. This title includes primary sources, sidebars, prompts and activities, charts and graphs, and much more. Aligned to Common Core Standards and correlated to state standards. Core Library is an imprint of Abdo Publishing Company. In 1891, 24 year old Marie, née Marya Skłodowska, moved from Warsaw to Paris, where she found work in the laboratory of Pierre Curie, a scientist engaged in research on heat and magnetism. They fell in love. They took their honeymoon on bicycles. They expanded the periodic table, discovering two new elements with startling properties, radium and polonium. They recognized radioactivity as an atomic property, heralding the dawn of a new scientific era. They won the Nobel Prize.

Newspapers mythologized the couple's romance, beginning articles on the Curies with "Once upon a time . . ." Then, in 1906, Pierre was killed in a freak accident. Marie continued their work alone. She won a second Nobel Prize in 1911, and fell in love again, this time with the married physicist Paul Langevin. Scandal ensued. Duels were fought. In the century since the Curies began their work, we've struggled with nuclear weapons proliferation, debated the role

## Access Free Who Was Marie Curie

of radiation in medical treatment, and pondered nuclear energy as a solution to climate change. In *Radioactive*, Lauren Redniss links these contentious questions to a love story in 19th Century Paris. *Radioactive* draws on Redniss's original reporting in Asia, Europe and the United States, her interviews with scientists, engineers, weapons specialists, atomic bomb survivors, and Marie and Pierre Curie's own granddaughter. Whether young or old, scientific novice or expert, no one will fail to be moved by Lauren Redniss's eerie and wondrous evocation of one of history's most intriguing figures.

"A biography [of Nobel Prize winner Madame Curie] that stirs the heart and the mind by a fine counterpoint of sense and sensibility, a great story superbly told."--New York Times

Marie Sklodowska Curie (1867-1934) was the first woman scientist to win worldwide acclaim and was, indeed, one of the great scientists of the twentieth century. Written by Curie's daughter, the renowned international activist Eve Curie, this biography chronicles Curie's legendary achievements in science, including her pioneering efforts in the study of radioactivity and her two Nobel Prizes in Physics and Chemistry. It also spotlights her remarkable life, from her childhood in Poland, to her storybook Parisian marriage to fellow scientist Pierre Curie, to her tragic death from the very radium that brought her fame. Now updated with an eloquent, rousing introduction by best-selling

## Access Free Who Was Marie Curie

author Natalie Angier, this timeless biography celebrates an astonishing mind and an extraordinary woman's life.

In this international bestseller from the critically acclaimed Little People, BIG DREAMS series, discover the life of Marie Curie, the Nobel Prize-winning scientist. When Marie was young, she was unable to go to college because she was a woman. But when she was older, her scientific work was respected around the world. Her discoveries of radium and polonium dramatically helped in the fight against cancer, and she went on to win the Nobel Prize for Physics! This moving book features stylish and quirky illustrations and extra facts at the back, including a biographical timeline with historical photos and a detailed profile of the scientist's life. Little People, BIG DREAMS is a best-selling series of books and educational games that explore the lives of outstanding people, from designers and artists to scientists and activists. All of them achieved incredible things, yet each began life as a child with a dream. This empowering series offers inspiring messages to children of all ages, in a range of formats. The board books are told in simple sentences, perfect for reading aloud to babies and toddlers. The hardcover versions present expanded stories for beginning readers. Boxed gift sets allow you to collect a selection of the books by theme. Paper dolls, learning cards, matching games, and

other fun learning tools provide even more ways to make the lives of these role models accessible to children. Inspire the next generation of outstanding people who will change the world with Little People, BIG DREAMS!

A prismatic look at the meeting of Marie Curie and Albert Einstein and the impact these two pillars of science had on the world of physics, which was in turmoil. In 1911, some of the greatest minds in science convened at the First Solvay Conference in Physics, a meeting like no other. Almost half of the attendees had won or would go on to win the Nobel Prize. Over the course of those few days, these minds began to realize that classical physics was about to give way to quantum theory, a seismic shift in our history and how we understand not just our world, but the universe. At the center of this meeting were Marie Curie and a young Albert Einstein. In the years preceding, Curie had faced the death of her husband and soul mate, Pierre. She was on the cusp of being awarded her second Nobel Prize, but scandal erupted all around her when the French press revealed that she was having an affair with a fellow scientist, Paul Langevin. The subject of vicious misogynist and xenophobic attacks in the French press, Curie found herself in a storm that threatened her scientific legacy. Albert Einstein proved an supporter in her travails. They had an instant connection at Solvay. He was young and

already showing flourishes of his enormous genius. Curie had been responsible for one of the greatest discoveries in modern science (radioactivity) but still faced resistance and scorn. Einstein recognized this grave injustice, and their mutual admiration and respect, borne out of this, their first meeting, would go on to serve them in their paths forward to making history. Curie and Einstein come alive as the complex people they were in the pages of *The Soul of Genius*. Utilizing never before seen correspondance and notes, Jeffrey Orens reveals the human side of these brilliant scientists, one who pushed boundaries and demanded equality in a man's world, no matter the cost, and the other, who was destined to become synonymous with genius. A collection of the Nobel Lectures delivered by the prizewinners in chemistry, together with their biographies, portraits and the presentation speeches.

The first woman to win a Nobel Prize, physicist and chemist Marie Curie is the 19th hero in the New York Times bestselling picture book biography series about heroes. This friendly, fun biography series focuses on the traits that made our heroes great--the traits that kids can aspire to in order to live heroically themselves. Each book tells the story of one of America's icons in a lively, conversational way that works well for the youngest nonfiction readers and that always includes the hero's childhood influences.

## Access Free Who Was Marie Curie

At the back are an excellent timeline and photos. Being a woman scientist in the 19th century meant Marie Curie faced plenty of obstacles, but she never let them dull her love of science and passion for learning.

Marie Curie, the woman who coined the term radioactivity, won not just one Nobel Prize but two—in physics and chemistry, both supposedly girl-phobic sciences.

A graphic novel for children ages 6 to 9. Marie Curie was the brilliant, trailblazing scientist who discovered radium and coined the term radioactivity. She is the only woman ever awarded two Nobel Prizes—one in physics and one in chemistry. She helped develop the use of X-rays and radiation therapies that have had a lasting impact on medicine and human health. This is her story.

The fascinating, curious, and sometimes macabre history of radium as seen in its uses in everyday life. Of all the radioactive elements discovered at the end of the nineteenth century, it was radium that became the focus of both public fascination and entrepreneurial zeal. *Half Lives* tells the fascinating, curious, sometimes macabre story of the element through its ascendance as a desirable item – a present for a queen, a prize in a treasure hunt, a glow-in-the-dark dance costume – to its role as a supposed cure-all in everyday twentieth-century life, when medical practitioners and business people

(reputable and otherwise) devised ingenious ways of commodifying the new wonder element, and enthusiastic customers welcomed their radioactive wares into their homes. Lucy Jane Santos—herself the proud owner of a formidable collection of radium beauty treatments—delves into the stories of these products and details the gradual downfall and discredit of the radium industry through the eyes of the people who bought, sold and eventually came to fear the once-fetishized substance. *Half Lives* is a new history of radium as part of a unique examination of the interplay between science and popular culture.

Marie Skłodowska Curie was a Polish and naturalized-French scientist who remains today one of the most extraordinary figures in modern physics and chemistry. She was the first person to win two Nobel Prizes (in Physics and in Chemistry) and the first woman scientist to be awarded the Nobel Prize in Physics. After being denied a position at the University of Kraków, due to the common sexism in the academia of the time, she returned to Paris to work together with Pierre Curie. At the end of the 19th century, Henri Becquerel had discovered the new phenomenon of radio-activity (a term later coined by Marie Skłodowska Curie) in uranium salts. Skłodowska Curie built upon this study and made two fundamental discoveries in the field. First, she discovered that radio-activity is a property of certain

## Access Free Who Was Marie Curie

elements (like uranium and thorium) of the periodic table, and it is not due to the chemical properties of compounds. Second, she discovered two new radioactive elements, polonium and radium. This book presents her address at Vassar College from 1921 and her Ph.D. thesis, defended in 1903 at the Faculty of Science of the Université de la Sorbonne in Paris. Her thesis, described by the examining committee as the best contribution to science ever presented, made Marie Skłodowska Curie the first woman to obtain a doctoral degree in the history of France. Newly translated from the French second edition, it represents a true masterpiece of science and describes in detail her efforts to understand the origin of radioactivity. To appreciate the beauty of her work one has to keep in mind that, at the time, the structure of the atom was largely unknown (the first attempt was made by J.J. Thomson in 1904). Due to high exposure to radiation, she died from aplastic anemia at the age of 66.

The historian and author of *Lillian Gilbreth* examines the “Great Man” myth of science with profiles of women scientists from Marie Curie to Jane Goodall. Why is science still considered to be predominantly male profession? In *The Madame Curie Complex*, Julie Des Jardin dismantles the myth of the lone male genius, reframing the history of science with revelations about women’s substantial contributions to the field. She explores the lives of some of the most famous female scientists, including Jane Goodall, the eminent primatologist; Rosalind Franklin, the chemist whose work

## Access Free Who Was Marie Curie

anticipated the discovery of DNA's structure; Rosalyn Yalow, the Nobel Prize-winning physicist; and, of course, Marie Curie, the Nobel Prize-winning pioneer whose towering, mythical status has both empowered and stigmatized future generations of women considering a life in science. With lively anecdotes and vivid detail, *The Madame Curie Complex* reveals how women scientists have changed the course of science—and the role of the scientist—throughout the twentieth century. They often asked different questions, used different methods, and came up with different, groundbreaking explanations for phenomena in the natural world.

Marie Curie One of the most famous women of the twentieth century, Marie Curie was a trailblazer in the truest sense. Known for her discovery of two radioactive elements, radium and polonium, Marie Curie was the first woman to win a Nobel Prize. She remains the only woman to win two Nobel Prizes in different sciences. Inside you will read about... ? Early Life and Loss ? The Flying University ? Nobel Prizes ? Scandals ? Curie's First World War Efforts ? The Discovery that Killed Her And much more! Marie Curie lived by her own rules in a society marred by misogyny and xenophobia. A scientist, but also a loving wife and mother, she defied expectations as a matter of course. Curie also fought for her country during the First World War the best way she knew how--with science. There is much more to Marie Curie's story than the discovery of the radioactive elements that eventually killed her.

In many ways, Marie Curie represents modern science. Her considerable lifetime achievements—the first woman to be awarded a Nobel Prize, the only woman to be awarded the prize in two fields, and the only person to be awarded Nobel Prizes in multiple sciences—are studied by schoolchildren across the world. She is a role model to women embarking on a career in science, the pride of two nations—Poland and

## Access Free Who Was Marie Curie

France—and, not least of all, a European Union brand for excellence in science. In *Making Marie Curie*, Eva Hemmungs Wirtén traces a career that spans two centuries and a world war, providing an innovative and historically grounded account of how modern science emerges in tandem with celebrity culture under the influence of intellectual property in a dawning age of information. How did one create and maintain for oneself the persona of scientist at the beginning of the twentieth century? What special conditions bore upon scientific women, and on married women in particular? How, and with what consequences, was a scientific reputation secured? In its exploration of these questions and many more, *Making Marie Curie* provides a composite picture not only of the making of Marie Curie, but of the making of modern science itself.

At the start of the twentieth century, Marie Curie, a Polish physicist and chemist, stunned the scientific world. Her research led to the discovery of two elements, polonium and radium. She also examined the most unusual property of these elements: radioactivity. This graphic biography follows Curie from her early life in Poland to her scientific education in France. It also spotlights her work with Pierre Curie and her efforts to treat wounded soldiers during World War I.

"Radio-active Substances" by Marie Skłodowska Curie. Published by Good Press. Good Press publishes a wide range of titles that encompasses every genre. From well-known classics & literary fiction and non-fiction to forgotten or yet undiscovered gems of world literature, we issue the books that need to be read. Each Good Press edition has been meticulously edited and formatted to boost readability for all e-readers and devices. Our goal is to produce eBooks that are user-friendly and accessible to everyone in a high-quality digital format.

Describes the life of the first woman to study physics at the

## Access Free Who Was Marie Curie

University College of Paris, who went on to receive two Nobel Prizes for her work in radioactivity.

The USA Today bestselling author of *In Another Time* reimagines the pioneering, passionate life of Marie Curie using a parallel structure to create two alternative timelines, one that mirrors her real life, one that explores the consequences for Marie and for science if she'd made a different choice. In Poland in 1891, Marie Curie (then Marya Sklodowska) was engaged to a budding mathematician, Kazimierz Zorawski. But when his mother insisted she was too poor and not good enough, he broke off the engagement. A heartbroken Marya left Poland for Paris, where she would attend the Sorbonne to study chemistry and physics. Eventually Marie Curie would go on to change the course of science forever and be the first woman to win a Nobel Prize. But what if she had made a different choice? What if she had stayed in Poland, married Kazimierz at the age of twenty-four, and never attended the Sorbonne or discovered radium? What if she had chosen a life of domesticity with a constant hunger for knowledge in Russian Poland where education for women was restricted, instead of studying science in Paris and meeting Pierre Curie? Entwining Marie Curie's real story with Marya Zorawska's fictional one, *Half Life* explores loves lost and destinies unfulfilled—and probes issues of loyalty and identity, gender and class, motherhood and sisterhood, fame and anonymity, scholarship and knowledge. Through parallel contrasting versions of Marya's life, Jillian Cantor's unique historical novel asks what would have happened if a great scientific mind was denied opportunity and access to education. It examines how the lives of one remarkable woman and the people she loved — as well as the world at large and course of science and history—might have been irrevocably changed in ways both great and small.

## Access Free Who Was Marie Curie

History has seen many incredible men and women make their mark on the field of science. One woman who will forever be remembered for her groundbreaking work is Marie Curie. She was one of the first people to explore radioactivity, and her contributions led her to become the first woman to win a Nobel Prize. This book explores Curie's life, accomplishments, and legacy.

Marie Curie was long idealized as a selfless and dedicated scientist, not entirely of this world. But Quinn's Marie Curie is, on the contrary, a woman of passion — born in Warsaw under the repressive regime of the Russian czars, outspokenly committed to the cause of a free Poland, deeply in love with her husband Pierre but also, after his tragic death, capable of loving a second time and of standing up against the cruel, xenophobic attacks which resulted from that love. This biography gives a full and lucid account of Marie and Pierre Curie's scientific discoveries, placing them within the revelatory discoveries of the age. At the same time, it provides a vivid account of Marie Curie's practical genius: the X-Ray mobiles she created to save French soldiers' lives during World War I, as well as her remarkable ability to raise funds and create a laboratory that drew researchers to Paris from all over the world. It is a story which transforms Marie Curie from an bloodless icon into a woman of passion and courage. "Quinn's portrait of Curie is rich and captivating. Quinn strives to peel back... layers of myth and idealization that have grown up around the physicist... She succeeds beautifully. Quinn has written a worthy successor to her previous work, the award-winning biography of American psychiatrist Karen Horney." — Washington Post Book World (page 1) "A touching, three-dimensional portrait of the Polish-born scientist and two-time Nobel Prize winner." — Kirkus "I've read many biographies of Marie Curie and Susan Quinn's is magnificent. It's so complete and so evocative that I can't

## Access Free Who Was Marie Curie

imagine anyone coming away from reading it without feeling they actually know Marie Curie." — Alan Alda "Quinn portrays a woman who was both independent and ambitious, in a society that was unprepared for either. The result is a fresh, powerful new biography of a very human Marie Curie... This is an exemplary work, rich in the details and connections that bring a person and her era to life. It is certain to be this generation's definitive biography of Marie Curie." — Science "Quinn breaks ground in her detailed description, drawn from newly available papers, of Marie's life after Pierre's accidental death in 1906. At first so grief-stricken she neglected her two daughters, Irene and Eve, Marie later had a love affair with French scientist Paul Langevin. Because Langevin was married, Marie was vilified by the French press and was almost denied the 1911 Nobel Prize for chemistry."

—Publishers Weekly "Susan Quinn's excellent biography gives a lucid account of Curie's contribution to our understanding of 'things'... but Quinn also draws on new material to paint a more rounded and attractive picture of Curie the person... For Marie, the enchantment of her science never waned, and it is this enchantment which Quinn's biography communicates so well." — London Observer

Intimate memoir of the Nobel laureate, written by his wife and lab partner, analyzes the nature and significance of the Curies' experiments. In addition, the author reconstructs her own work with radiation.

Illustrated biographies featuring a range of fascinating figures from history (and current figures, too!) provide great information and entertainment through short chapters and illustrations that will appeal to reluctant readers as well as middle readers in general. Simultaneous eBook.

Celebrated author and artist Demi beautifully portrays the life and story of Marie Curie, the revolutionary scientist and winner of two Nobel Prizes. Maria Salomea Sklodowaska was

## Access Free Who Was Marie Curie

born on November 7, 1867. Her family called her Manya, but the world would remember her by another name: Marie Curie, one of the greatest scientists who ever lived. In a time when few women attended college, Marie earned degrees in physics and mathematics and went on to discover two elements: radium and polonium. She also invented a new word along the way: radioactive. This book celebrates her momentous achievements while also educating its readers about her scientific accomplishments and their implications. Marie Skłodowska Curie (1867–1934) was the first woman scientist to win worldwide acclaim and was, indeed, one of the great scientists of the twentieth century. Written by Curie's daughter, the renowned international activist Eve Curie, this biography chronicles Curie's legendary achievements in science, including her pioneering efforts in the study of radioactivity and her two Nobel Prizes in Physics and Chemistry. It also spotlights her remarkable life, from her childhood in Poland, to her storybook Parisian marriage to fellow scientist Pierre Curie, to her tragic death from the very radium that brought her fame.

A new portrait of the two-time Nobel winner and her two daughters Focusing on the first family in science, this biography of Marie Curie plumbs the recesses of her relationships with her two daughters, extraordinary in their own right, and presents the legendary scientist to us in a fresh way. Although the common image is that of a shy introvert toiling away in her laboratory, highly praised science writer Shelley Emling shows how Marie Curie was nothing short of an iconoclast. Her affair with a younger and married man drew the enmity of a xenophobic French establishment, who denied her entry to the Academy of Sciences and tried to expel her from France. But she was determined to live life how she saw fit, and passed on her resilience to her daughters. Emling draws on personal letters released by

## Access Free Who Was Marie Curie

Curie's only granddaughter to show how Marie influenced her daughters yet let them blaze their own paths. Irene followed her mother's footsteps into science and was instrumental in the discovery of nuclear fission. Eve traveled the world as a foreign correspondent and then moved on to humanitarian missions. Emling also shows how Curie, following World War I, turned to America for help. Few people know about Curie's close friendship with American journalist Missy Meloney, who arranged speaking tours across the country for Marie and Eve and Irene. Months on the road, charming audiences both large and small, endeared the Curies to American women and established a lifelong relationship with the United States that formed one of the strongest connections of Marie's life. Without the financial support of American women, Marie might not have been able to go on with her research. Continuing the family story into the third generation, Emling also interviews Marie Curie's granddaughter Helene Joliot-Curie, who is an accomplished physicist in her own right. She reveals why her grandmother was a lot more than just a scientist and how Marie's trips to America forever changed her. Factually rich, personal and original, this is an engrossing story about the most famous woman in science that rips the cover off the myth and reveals the real person, friend, and mother behind it.

Highlights the life and accomplishments of the world-renowned scientist who was a pioneer in the field of radioactivity, won the Noble Prize twice, and became the first female professor at the Sorbonne.

This informative, accessible, and concise biography looks at Marie Curie not just as a dedicated scientist but also as a complex woman with a sometimes-tumultuous personal life.

Examines the life of the Polish-born scientist who, with her husband Pierre, was awarded a 1903 Nobel

Prize for discovering radium.

The bestselling, "excellent...poignant—and scientifically lucid—portrait" (New York Times Book Review) of the remarkable Marie Curie. Through family interviews, diaries, letters, and workbooks that had been sealed for over sixty years, Barbara Goldsmith reveals the Marie Curie behind the myth—an all-too-human woman struggling to balance a spectacular scientific career, a demanding family, the prejudice of society, and her own passionate nature. *Obsessive Genius* is a dazzling portrait of Curie, her amazing scientific success, and the price she paid for fame.

Originally published: [Padua]: BeccoGiallo, 2017.

This encyclopedia examines Marie Curie's life and contributions. The chronology provides a thumbnail sketch of events in Curie's life, including her personal experiences, education, and publications. The Introduction provides a brief look at her life. The body of this work consists of alphabetical entries of people, ideas, institutions, places, and publications important in making of Curie as an important scientist. The final section of the book is a bibliography of both primary and selected secondary sources.

A biography of the scientist and Nobel Prize winner Marie Curie explores both Curie's personal and professional life.

"A touching three-dimensional portrait of the Polish-

## Access Free Who Was Marie Curie

born scientist and two-time Nobel Prize winner" (Kirkus) Madame Curie, the discoverer of radium and radioactivity One hundred years ago, Marie Curie discovered radioactivity, for which she won the Nobel Prize in physics. In 1911 she won an unprecedented second Nobel Prize, this time in chemistry, for isolating new radioactive elements. Despite these achievements, or perhaps because of her fame, she has remained a saintly, unapproachable genius. From family documents and a private journal only recently made available, Susan Quinn at last tells the full human story. From the stubborn sixteen-year-old studying science at night while working as a governess, to her romance and scientific partnership with Pierre Curie-an extraordinary marriage of equals-we feel her defeats as well as her successes: her rejection by the French Academy, her unbearable grief at Pierre's untimely and gruesome death, and her retreat into a love affair with a married fellow scientist, causing a scandal which almost cost her the second Nobel Prize. In Susan Quinn's fully dimensional portrait, we come at last to know this complicated, passionate, brilliant woman.

[Copyright: 2495071b7dccbd3a3277babf22059c54](#)