

Online Library Galileo For Kids: His Life And Ideas, 25 Activities (For Kids Series)

# Galileo For Kids: His Life And Ideas, 25 Activities (For Kids Series)

*Learn about the men who used the Navajo language to create a successful, top-secret code that was never cracked by enemy forces. Additional features to aid comprehension include a table of contents, primary-source quote sidebars, fact-filled captions, a glossary, an introduction to the author, and a listing of source notes.*

*Science wasn't the only area that Aristotle examined. He founded one of the most important schools of the ancient world. He offered ideas on the best way to live. He developed a theory of drama that many*

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*modern screenwriters follow. He studied scores of different systems of government. Some of the conclusions from this study are reflected in the U.S. Constitution. This all-around genius had a huge impact on history.*

*Considered one of the greatest female rulers, Catherine the Great was a German princess who ruled Russia for 34 years. She introduced reforms in government that led to widespread education, advances in medical care, and improvements in the legal system. Catherine was a voracious reader, and she took many ideas from her reading. She was particularly influenced by writers of the Enlightenment who focused on natural law and science. As one of Russia's longest rulers, she introduced arts and culture to Russia. Her influence led to the development of Russia as a world power in the 19th and 20th centuries.*

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*Presents a brief biography of Richard I who ruled England from 1189 to 1199 and provides information on his family the time he spent fighting in the Third Crusade and how he came to be known as Richard the Lionheart.*

*This is an account of the relationship between Italian scientist Galileo and his daughter, Marie Celeste. It contains letters sent from Marie Celeste to her father from a Florence convent.*

*Life Of Galileo*

*A Drama of Science, Faith and Love*

*Who Was Galileo?*

*Galileo and the Magic Numbers*

*Extraordinary Theoretical Physicist*

*Revolutionary Physicist*

**Acclaimed author-illustrator Bonnie**

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*Christensen adopts the voice of Galileo and lets him tell his own tale in this outstanding picture book biography. The first person narration gives this book a friendly, personal feel that makes Galileo's remarkable achievements and ideas completely accessible to young readers. And Christensen's artwork glows with the light of the stars he studied. Galileo's contributions were so numerous—the telescope! the microscope!—and his ideas so world-*

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*changing—the sun-centric solar system!—that Albert Einstein called him "the father of modern science." But in his own time he was branded a heretic and imprisoned in his home. He was a man who insisted on his right to pursue the truth, no matter what the cost—making his life as interesting and instructive as his ideas.*

*This title is a brief, yet informative, biography on Jane Goodall. Readers will learn about Goodall's early life,*

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*personal life, and all about her contributions to science, the study of chimpanzees, conservation, and both human and animal welfare. Aligned to Common Core Standards and correlated to state standards. Core Library is an imprint of Abdo Publishing, a division of ABD0.*

*"This title shows how a group of European scientists, in the span of roughly one hundred and fifty years (early 1500s to the mid-1600s) and*

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*working through direct observation, overturned the centuries' old accepted view of a geocentric universe. Through their research and writings, they proposed and described a new order of things in which the Earth orbits the Sun. In so doing, these scientists--Nicolaus Copernicus, Johannes Kepler, Tycho Brahe, Galileo Galilei, and Isaac Newton--challenged the accepted wisdom of the ages, specifically that of the Catholic*

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*Church. Galileo was accordingly tried and condemned to house arrest in 1633; the works of many others were banned. Not until the late 1900s did the Church revisit the Galileo case, ultimately concluding that it had made a mistake in suggesting that humans must accept biblical cosmology in literal terms. The book also includes a fascinating chapter exploring sects such as the 19th-century Muggletonians, the 20th-century Christian Catholic Apostolic*



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*Church in Zion, and the 21st-century Association of Biblical Astronomy, all of which insist(ed) on variations of a geocentric cosmology."--Provided by publisher.*

*Tells the story of the life and discoveries of the famous scientist Galileo.*

*This Student Edition of Brecht's classic dramatisation of the conflict between free enquiry and official ideology features an extensive*

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*introduction and commentary that includes a plot summary, discussion of the context, themes, characters, style and language as well as questions for further study and notes on words and phrases in the text. It is the perfect edition for students of theatre and literature Along with Mother Courage, the character of Galileo is one of Brecht's greatest creations, immensely live, human and complex. Unable to resist his appetite for scientific*

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*investigation, Galileo's heretical discoveries about the solar system bring him to the attention of the Inquisition. He is scared into publicly abjuring his theories but, despite his self-contempt, goes on working in private, eventually helping to smuggle his writings out of the country. As an examination of the problems that face not only the scientist but also the whole spirit of free inquiry when brought into conflict with the*

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*requirements of government or official ideology, Life of Galileo has few equals. Written in exile in 1937-9 and first performed in Zurich in 1943, Galileo was first staged in English in 1947 by Joseph Losey in a version jointly prepared by Brecht and Charles Laughton, who played the title role. Printed here is the complete translation by John Willett.*

**Albert Einstein: Revolutionary Physicist**

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***Eyewitness to the Navajo Code Talkers  
Jane Goodall: Revolutionary  
Primatologist and Anthropologist  
His Life, Ideas, and Inventions, with  
21 Activities***

***The Life and Works of Galileo Galilei -  
Biography 4th Grade | Children's Art  
Biographies***

***Astronomer and Physicist***

*Sixteenth century Italy produced a genius who marked the world with his studies and hypotheses about mathematical, physical and astronomical truths. His father, musician*

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*Vincenzo Galilei said, "Truth is not found behind a man's reputation. Truth appears only when the answers to questions are searched out by a free mind. This is not the easy path in life but it is the most rewarding." Galileo challenged divine law and the physics of Aristotle, and questioned everything in search of truths. And it was through this quest for truth that he was able to establish a structure for modern science. Teachers of Future theoretical physicist and Nobel Prize recipient Albert Einstein thought he would amount to nothing. "Everybody is a genius," he said. "But if you judge a fish by its ability to climb a tree, it will live its life believing that it is stupid." Einstein noted that creativity and deep-thinking were humans' most powerful tools. He is responsible for the general theory of relativity and so much more. This title*

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*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, a division of ABDO.*

*Learn about the life of this talented and inspiring performer. Be inspired by the Life and Works of Galileo Galilei. It is because of his valuable contributions to art and science that Galileo lives on, even centuries after his death. Reading about his life would create a challenge among the young. Lessons can be picked up from the pages of this incredible resource. Grab a copy today!*

*Story of a man who had the courage to ask questions.*

*Secrets in the Skies*

*Super Scientists: Galileo Galilei*

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*Along Came Galileo*

*Isaac Newton and Physics for Kids*

*Starry Messenger*

Galileo's Dialogue Concerning the Two Chief World Systems, published in Florence in 1632, was the most proximate cause of his being brought to trial before the Inquisition. Using the dialogue form, a genre common in classical philosophical works, Galileo masterfully demonstrates the truth of the Copernican system over the Ptolemaic one, proving, for the first time, that the earth revolves around the sun. Its influence is



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incalculable. The Dialogue is not only one of the most important scientific treatises ever written, but a work of supreme clarity and accessibility, remaining as readable now as when it was first published. This edition uses the definitive text established by the University of California Press, in Stillman Drake's translation, and includes a Foreword by Albert Einstein and a new Introduction by J. L. Heilbron.

Galileo for Kids His Life and Ideas, 25 Activities Chicago Review Press

A biography of famous scientist, Galileo Galilei.

In 1892, nine-year-old Dom's mother puts him on a ship

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leaving Italy, bound for America. He is a stowaway, traveling alone and with nothing of value except for a new pair of shoes from his mother. In the turbulent world of homeless children in Manhattan's Five Points, Dom learns street smarts, and not only survives, but thrives by starting his own business. A vivid, fascinating story of an exceptional boy, based in part on the author's grandfather.

Like Michelangelo, Galileo is another Renaissance great known just by his first name--a name that is synonymous with scientific achievement. Born in Pisa, Italy, in the sixteenth century, Galileo contributed to the era's great

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rebirth of knowledge. He invented a telescope to observe the heavens. From there, not even the sky was the limit. He turned long-held notions about the universe topsy-turvy with his support of a sun-centric solar system. Patricia Brennan Demuth offers a sympathetic portrait of a brilliant man who lived in a time when speaking scientific truth to those in power was still a dangerous proposition.

Galileo's Telescope

His Life and Ideas, 25 Activities

The Life and Times of Aristotle

Verdi for Kids

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A Bilingual Picture Book about the Italian Astronomer (Italian-English Text)

Recentering the Universe

Between 1608 and 1610 the canopy of the night sky was ripped open by an object created almost by accident: a cylinder with lenses at both ends. Galileo's Telescope tells how this ingenious device evolved into a precision instrument that would transcend the limits of human vision and transform humanity's view of its place in the cosmos.

Secrets in the Skies delves deep into the life and discoveries of the world's most famous stargazer, Galileo Galilei, and the star-studded history of astronomy, from our prehistoric ancestors to the work of today's most brilliant scientists. In

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this stunningly detailed visual retelling of the birth of science, the solar system is brought to life in glorious full-colour, with breathtaking illustrations by James Weston Lewis. From his early days as a young boy in Pisa, to his fiery battles with the Roman Catholic Church, readers follow the remarkable journey undertaken by Galileo in his search for truth. As the pages turn, you can witness the ancient origins of celestial examinations, Galileo's ground-breaking invention of the telescope, his controversial trials before the Inquisition, and the crucial discoveries of the stargazer's final days.

In this ebook, you 're going to learn and take inspiration from the lives and works of Isaac Newton, Galileo Galilei, Albert Einstein and Stephen Hawking. Learn about their childhood, and the events that inspired them to search for scientific

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answers. Go ahead and grab a copy of this ebook today. Galileo, one of history's best-known scientists, is introduced in this illuminating activity book. Children will learn how Galileo's revolutionary discoveries and sometimes controversial theories changed his world and laid the groundwork for modern astronomy and physics. This book will inspire kids to be stargazers and future astronauts or scientists as they discover Galileo's life and work. Activities allow children to try some of his theories on their own, with experiments that include playing with gravity and motion, making a pendulum, observing the moon, and painting with light and shadow. Along with the scientific aspects of Galileo's life, his passion for music and art are discussed and exemplified by period engravings, maps, and prints. A time

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line, glossary, and listings of major science museums, planetariums, and web sites for further exploration complement this activity book.

From an early age, Galileo Galilei was curious about the world around him. He began conducting scientific experiments. No one had ever done that before. He invented many useful devices, such as improved clocks and tools to help sailors find their way at sea. His greatest fame came after he invented a more powerful version of the telescope. This new telescope allowed him to observe the skies in more detail than anyone before him. His observations soon led him to believe that Earth revolved around the sun. This belief landed him in trouble with the Catholic Church, which for many centuries had taught that the sun revolved around

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Earth. Church leaders put him on trial. They would determine whether Galileo lived or died.

Galileo

Galileo's Middle Finger

A European Story

His Life & Times, 21 Activities

His Life and Music with 21 Activities

The King of Mulberry Street

Franklin Delano Roosevelt's enduring legacy upon the history, culture, politics, and economics of the United States is introduced to children in this engaging activity book. Kids will learn how FDR, a member of one of the founding



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families of the New World, led the nation through the darkest days of the Great Depression and World War II as 32nd U.S. President. This book examines the Roosevelt family--including famous cousin Teddy Roosevelt and First Lady Eleanor Roosevelt--as well as FDR's early political career and subsequent 12 years in office during some of the most fascinating and turbulent times in American history. Interspersed throughout are first-hand accounts from the people who knew FDR and remember him well. Children will also learn how his personal

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struggles with polio and his physical disability strengthened FDR's compassion and resolve. In addition, kids will explore Roosevelt's entire era through such hands-on activities as staging a fireside chat, designing a WPA-style mural, sending a double encoded message, hosting a swing dance party, and participating in a political debate.

Stephen Hawking is among one of the most inspiring persons of our time. His work in the general theory of relativity and quantum mechanics has been significant. This title

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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, a division of ABDON. Read about the story of Nicolaus Copernicus and how he challenged the Church with his theory of heliocentrism. Be inspired by his brilliance and also learn about the theory that he developed, too. What an amazing book on biography and space this is! So grab a copy and encourage your third grader to begin today.

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A new series of illustrated books specifically designed for children in elementary education, narrating the stories of those great historical figures who have left their mark on humanity in fields such as science, art, exploration, music and other subjects. Young readers will be able to read all about these famous people's main achievements, experiencing the main steps of their lives through Isabel Munoz's engaging illustrations, and finding out some curious facts about their work and success. In the six volumes of the series, children will be fascinated by the

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genial and revolutionary intuition of Einstein, Leonardo da Vinci's vast breadth of expertise, the incredible discoveries about space made by Galileo Galilei, Mozart's infinite musical creativity, the masterpieces created by Picasso and Van Gogh. There is an index at the end of each volume listing the main biographical events and some simple quizzes will help children to further understand and test their knowledge. Describes the life and work of the scientist who offered objective evidence that the earth was not the fixed center of the universe. Told in simple,

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engaging prose, with splendid color illustrations, this biography reveals how Galileo's work changed our view of the universe. Annotation. Galileo's revolutionary scientific work swept away old notions of the universe. He observed the skies through a telescope and confirmed that the Earth and the other planets travel around the Sun.

Who Was Nicolaus Copernicus? | A Very Short Introduction on Space Grade 3 | Children's Biographies  
Galileo for Kids

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Nikola Tesla for Kids

Heretics, Activists, and One Scholar's Search for Justice

The Radical Theories of Copernicus, Kepler, Galileo, and Newton

Mark Twain for Kids

Nineteenth-century America and the world of Samuel L. Clemens, better known as Mark Twain, come to life as children journey back in time with this history- and literature-laden activity book. The comprehensive biographical information

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explores Mark Twain as a multi-talented man of his times, from his childhood in the rough-and-tumble West of Missouri to his many careers—steamboat pilot, printer, miner, inventor, world traveler, businessman, lecturer, newspaper reporter, and most important, author—and how these experiences influenced his writing. Twain-inspired activities include making printer's type, building a model paddlewheel boat, unmasking a hoax, inventing new words, cooking cornpone, planning a newspaper, observing people,



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and writing maxims. An extensive resource section offers information on Twain's classics, such as Tom Sawyer and The Adventures of Huckleberry Finn, as well as a listing of recommended web sites to explore.

Galileo Galilei tells the story of 'the father of science' - covering his origins as the son of a musician through his work in astronomy and optics, his troubles with the Church and his enduring legacy today. Super Scientists are first biographies introducing some of the world's great

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scientists, simply retelling their lives and explaining why their work was important. Illustrated with archive images and photographs, the chronology of each lifetime is emphasized by a timeline that runs through the book. Breakthrough panels highlight key discoveries or invite children to try out simple related experiments. Ideal for children aged 6 and up.

Isaac Newton was as strange as he was intelligent. In a few short years, he made astounding discoveries in physics,

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astronomy, optics, and mathematics— yet never told a soul. Though isolated, snobbish, and jealous, he almost single-handedly changed the course of scientific advancement and ushered in the Enlightenment. Newton invented the refracting telescope, explained the motion of planets and comets, discovered the multicolored nature of light, and created an entirely new field of mathematical understanding: calculus. The world might have been a very different place had Newton's theories and observations not

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been coaxed out of him by his colleagues. Isaac Newton and Physics for Kids paints a rich portrait of this brilliant and complex man, including 21 hands-on projects that explore the scientific concepts Newton developed and the times in which he lived. Readers will build a simple waterwheel, create a 17th century plague mask, track the phases of the moon, and test Newton's Three Laws of Motion using coins, a skateboard, and a model boat they construct themselves. The text includes a time line, online resources,

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and reading list for further study. And through it all, readers will learn how the son of a Woolsthorpe sheep farmer grew to become the most influential physicist in history.

"A biography of seventeenth-century Italian astronomer and physicist Galileo and includes related activities for readers"--Provided by publisher.

"Galileo's Middle Finger is historian Alice Dreger's eye-opening story of life in the trenches of scientific controversy. Dreger's chronicle begins with her own

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research into the treatment of people born intersex (once called hermaphrodites). Realization of the shocking surgical and ethical abuses conducted in the name of "normalizing" intersex children's gender identities moved Dreger to become an internationally recognized patient rights activist. But even as the intersex rights movement succeeded, Dreger began to realize how some fellow activists were using lies and personal attacks to silence scientists whose data revealed uncomfortable truths about humans. In

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researching one case, Dreger suddenly became a target of just these kinds of attacks. Troubled, she decided to try to understand more -- to travel the country and seek a global view of the nature and costs of these damaging battles. Galileo's Middle Finger describes Dreger's long and harrowing journeys between the two camps for which she felt equal empathy: social justice activists determined to win and researchers determined to put hard truths before comfort. What emerges is a lesson about the intertwining of justice and

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truth-- and about the importance of responsible scholars and journalists to our fragile democracy." --

A Historical Memoir of Science, Faith and Love

Find Another Way!

The Life and Times of Catherine the Great

His Life and Times with 21 Activities

Ray Charles

His Life and Ideas, 21 Activities

The marriage of art and science is celebrated in this beautifully illustrated four-color biography and activity book. Kids will begin to understand the important discoveries that



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da Vinci made through inspiring activities like determining the launch angle of a catapult, sketching birds and other animals, creating a map, learning to look at a painting, and much more. Includes a glossary, bibliography, listing of pertinent museums and Web sites, a timeline, and many interesting sidebars.

Nikola Tesla was a physicist, scientist, electrical engineer, and world-renowned inventor whose accomplishments faded into oblivion after his death in 1943. Tesla was undeniably eccentric and compulsive; some considered him to be somewhat of a "mad" scientist. But in reality, he was a visionary. Many of his ideas and inventions that were deemed impossible during his lifetime have since become reality. He was the first to successfully use rotating magnetic fields to

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create an AC (alternating current) electrical power supply system and induction motor. He is now acknowledged to have invented the radio ahead of Marconi. Among other things, he developed the Tesla coil, an oscillator, generators, fluorescent tubes, neon lights, and a small remote-controlled boat. He helped design the world's first hydroelectric plant at Niagara Falls. Nikola Tesla for Kids is the story of Nikola Tesla's life and ideas, complete with a time line, 21 hands-on activities, and additional resources to better understand his many accomplishments.

Inspired by a long fascination with Galileo, and by the remarkable surviving letters of Galileo's daughter, a cloistered nun, Dava Sobel has written a biography unlike any other of the man Albert Einstein called "the father of modern physics-

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indeed of modern science altogether." Galileo's Daughter also presents a stunning portrait of a person hitherto lost to history, described by her father as "a woman of exquisite mind, singular goodness, and most tenderly attached to me." Galileo's Daughter dramatically recolors the personality and accomplishment of a mythic figure whose seventeenth-century clash with Catholic doctrine continues to define the schism between science and religion. Moving between Galileo's grand public life and Maria Celeste's sequestered world, Sobel illuminates the Florence of the Medicis and the papal court in Rome during the pivotal era when humanity's perception of its place in the cosmos was about to be overturned. In that same time, while the bubonic plague wreaked its terrible devastation and the Thirty Years' War

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tipped fortunes across Europe, one man sought to reconcile the Heaven he revered as a good Catholic with the heavens he revealed through his telescope. With all the human drama and scientific adventure that distinguished Dava Sobel's previous book Longitude, Galileo's Daughter is an unforgettable story

Chronicles the life and times of the Tuscan astronomer and physicist, focusing on his defense of the Copernican theory and his struggles with the Catholic Church.

Describes the life and work of the courageous man who changed the way people saw the galaxy, by offering objective evidence that the earth was not the fixed center of the universe.

Scientist and Star Gazer

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Leonardo da Vinci for Kids

The Genius who Faced the Inquisition

Genius

The Life and Times of Richard the Lionheart

Galileo and the Astonishing Solar System

Chronicles the life and career of the renowned Italian composer and includes such activities as making pasta, learning bocce, and crafting a carnival mask.

Stephen Hawking: Extraordinary Theoretical Physicist

Dialogue Concerning the Two Chief World Systems

Galileo Galilei E la Torre Di Pisa - Galileo Galilei and the Pisa Tower

His Life and Ideas with 21 Activities

Galileo Galilei - Biography of the Father of Science

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(Biography)

Galileo's Daughter