Science Reads

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books for kids

Discoverers

Brave Norman: a True Story
by Clements, Andrew
J 636.7527 CLE
*Norman, a blind Labrador retriever, saves a girl from drowning in the ocean. *

Carry Me! Animal Babies on the Move
by Stockdale, Susan
J 591.563 STO
The facts of zoology are both exciting and cuddly in this science picture book with clear, bright acrylic illustrations that show how various animals carry their babies. (Booklist)

Chameleon, Chameleon
by Cowley, Joy
J 597.956 COW
A brilliant blue-and-green panther chameleon runs out of food in his tree and descends to the forest floor in search of a more populated hunting ground.

Egg is Quiet
by Aston, Dianna Hutts
J 591.468 AST
Introduces readers to more than 60 types of eggs and an array of egg facts. A Junior Library Guild selection.

Hottest, Coldest, Highest, Deepest
by Jenkins, Steve
J 910 JEN
Describes some of the remarkable places on earth, including the hottest, coldest, windiest, snowiest, highest, and deepest.

Is a Blue Whale the Biggest Thing There Is?
by Wells, Robert
J 530.81 WEL
Illustrates the concept of big, bigger, and biggest by comparing the physical measurements of such large things as a blue whale, a mountain, a star, and the universe.

Looking Down
by Jenkins, Steve
JEASY JEN
A series of views of one landscape is seen from progressively lower vantage points, beginning in outer space and ending with a view of a ladybug as seen by a kneeling child.

Next Stop, Neptune: Experiencing the Solar System
by Jenkins, Alvin W. and Jenkins, Steve
J 523.2 JEN
A lucid description of the solar system, grounded in concepts that young readers can grasp, and exquisitely illustrated. Alvin Jenkins was a professor of astronomy, and he takes a journey that begins with the creation of a star and continues through each planet, its moons, asteroids, and other features in our immediate space.(Kirkus)

North American Rain Forest Scrapbook
by Wright-Frierson, Virginia
J 577.3409 WRI
Presented in the form of a scrapbook, describes the author's exploration of a temperate rain forest in North America, located in Washington State, and the plants and animals she found there.

Owen and Mzee
by Hatkoff, Isabella
J 599.6351 HAT
When the six-year-old contributor to this book saw the photograph documenting the extraordinary friendship between a baby hippo (Owen) and a 130-year-old giant tortoise (Mzee), she persuaded her father to help tell their story.

Ringo Saves the Day : a True Story
by Clements, Andrew
J 636.8088 CLE
A young woman and her husband are glad that they gave a stray kitten a home when it saves their lives by alerting them to a gas leak.

Rocks in His Head
by Hurst, Carol
JEASY HUR
A young man has a lifelong love of rock collecting that eventually leads him to work at a science museum.

Sandbox Scientist: Real science activities for little kids
by Ross, Michael
J 372.3 ROS
A guide for adults in setting up activities for children ages two to eight to discover scientific facts about water, matter, air, light, etc., using familiar materials.

Sea Horse: The Shyest Fish in the Sea
by Butterworth, Chris
J 597.6798 BUT
With a head like a horse, a tail like a monkey, and a pouch like a kangaroo, the sea horse acts like a chameleon, changing color to ward off danger or to show that he and his mate are a lifelong pair.

Slap, Squeak, & Scatter: How Animals Communicate
by Jenkins, Steve
J 591.59 JEN
This beautifully illustrated work by noted author and illustrator Steve Jenkins describes many

fascinating and curious ways of animal communication.

Snapshots: The wonders of Monterey Bay
by Mannis, Celeste Davidson
J 591.7743 MAN
Spare verse and gorgeous full-color photographs by award-winning author Mannis introduce young readers to the adorable marine animals that inhabit Monterey Bay in California.

Space
Series Title: Magic Tree House Research Guide
by Osborne, Mary Pope and Osborne, Will
J 520 OSB
A non-fiction guide to "Midnight on the Moon". Jack and Annie present information about the universe, including our solar system, and briefly describe the history of space travel and of the science of astronomy.

Story of Rosy Dock
by Baker, Jeannie
J 508.94 BAK
The third of Jeannie Baker's ecology books ('Where the Forest Meets the Sea', 'Window'), this is the story of an introduced weed that has taken over large areas of the outback, displacing native plants and changing the environment. Picture book format, ages 6-12.

Stripes, Spots or Diamonds
Series Title: Animal wise
by Stockland, Patricia M.
J 591.472 STO
Why is a polar bear white? Why is a parrot so bright? Animals adapt in many different ways. Brilliant illustrations and lyrical text answer reader questions about why animals look, move, and live in similar and different ways.

What Do You Do When Something Wants to Eat You?
by Jenkins, Steve
J 591.47 JEN
Describes how various animals, including an octopus, a bombadier beetle, a puff adder, and a gliding frog, escape danger.

What Do You Do with a Tail Like This?
by Jenkins, Steve
J 573.87 JEN
Readers can explore the many amazing things animals can do with their ears, eyes, mouths, noses, feet, and tails in this beautifully illustrated interactive guessing book.

What's Smaller Than a Pygmy Shrew?
by Wells, Robert
J 539.1 WEL
A pygmy shrew is small; it's among the smallest of mammals. What could be smaller? Well, a ladybug--a pygmy shrew would look like a mammoth to a ladybug's eyes. But then, that same ladybug would look gigantic next to protozoa. Robert E. Wells, author of Is a Blue Whale the Biggest Thing

There Is? now invites you to explore the large world of the very small.

Why is Soap so Slippery? And Other Bathtime Questions
by Ripley, Catherine
J 500 RIP
"Designed to engage kids who are really the question-askers--preschoolers."--The Regina Leader-Post. Catherine Ripley, as a former editor of the award-winning Chicadee Magazine, is an expert on kids' questions.

Wildfire
by Morrison, Taylor
J 634.9618 MOR
Morrison's thoroughly researched book takes a comprehensive look at wildfires, their causes, and the methods employed to control them.

Investigators

Amazing Leonardo da Vinci Inventions You Can Build Yourself
by Anderson, Maxine
J 620.0092 AND
Introduces readers to the life, world, and incredible mind of Leonardo da Vinci through hands-on building projects that explore his invention ideas.

Art Fraud Detective
by Nilsen, Anna
J 751.58 NIL
A spot-the-difference game, mystery story, and art book in which readers try to tell which paintings are genuine and which are forgeries.

Boy, Were We Wrong About Dinosaurs!
by Kudlinski, Kathleen
J 567.9 KUD
What could be more heartening to children than the unabashed admission that grown-ups make mistakes? Science has had its share of theories once accepted as fact but later superseded, and the mystery of dinosaur fossils seems to have brought out the imaginative side of scientists. Best of all, the closing paragraph acknowledges that the search is not over yet: the children fascinated by this book may one day find new answers to old questions about the dinosaurs.

Build a Better Mousetrap
by Kassinger, Ruth
J 609 KAS
Readers can discover the secrets behind some amazing inventions in this book that shows them how to make classic inventions with easy-to-follow instructions.

ER Vets: Life in an Animal Emergency Room
by Jackson, Donna
J 636.0896 JAC
Filled with full-color behind-the-scenes photographs, this book captures the drama, excitement, and courage of being an ER vet.

Field Trips: Bug Hunting, Animal Tracking, Bird Watching, Shore Walking
by Arnosky, Jim
J 508 ARN
An ordinary hike becomes an eye-opening adventure with Jim Arnosky as he shares a wealth of tips for watching wildlife and identifying plants and animals

Gorilla Doctors: Saving Endangered Great Apes
Series Title: Scientists in the field
by Turner, Pamela S.
J 333.9598 TUR
Through engaging text and stunning photographs, Turner delivers a gripping tale of science, nature, and the conservation of life as she follows the Mountain Gorilla Veterinary Project

Interrupted Journey: Saving Endangered Sea Turtles
by Lasky, Kathryn
J 639.9779 LAS
Beginning with a 10-year-old boy who finds a nearly dead turtle during his patrol on a Cape Cod beach on a cold November day, Lasky details the efforts of a team of veterinarians, marine biologists, and volunteers to save the life of this turtle and others.

Life on Earth: The Story of Evolution
by Jenkins, Steve
J 576.8 JEN
Jenkins presents a superb introduction to evolution for younger readers, in which he marvels at the amazing diversity of life on this planet; explains in detail concepts such as natural selection, variation, and mutation; and covers some historical context for the development of the theory.

Mummies & Their Mysteries
by Wilcox, Charlotte
J 393.3 WIL
Discusses mummies found around the world, including Peru, Denmark, and the Italian Alps, and explains how studying them provides clues to past ways of life.

Mysterious Universe: Supernovae, Dark Energy, and Black Holes
Series Title: Scientists in the field
by Jackson, Ellen B.
J 523.8446 JAC
"Strange as it may seem, 96 percent of the universe seems to be made of two ingredients that no one understands." This shining addition to the Scientists in the Field series focuses on astronomer Alex Filippenko, part of a team researching dark energy and dark matter in the universe.

Night Science for Kids
by Krautwurst, Terry
J 591.518 KRA
Kids will want to grab a flashlight and start discovering the night world with the help of this safety-minded, abundantly illustrated and exciting combination of nature guide and fun activity book.

Oh Yuck: the Encyclopedia of Everything Nasty
by Massoff, Joy

J 031.02 MAS
An alphabetical collection of articles about disgusting things, from acne, ants, and bacteria to worms, x-periments, and zits.

Oh, Rats!: The Story of Rats and People
by Marrin , Albert
J 599.352 MAR
Rats and humans have had a very long love/hate relationship as readers discover in this lively and informative overview of the history and behavior of the widely encountered rodent.

Outbreak: Plagues That Changed History
by Barnard, Bryn
J 614.4973 BAR
Did the Black Death destroy the feudal system? Did cholera pave the way for modern Manhattan? Did yellow fever help end the slave trade? Remarkably, the answer to all of these questions is yes.

Planet Hunters: The Search for other Worlds
by Fradin, Dennis
J 523.4 FRA
This well-written history moves from prehistoric discovery of the first five planets through that of the sixth (Earth) to the telescopic and mathematical work on the bodies beyond Saturn.

Return of Gonzo Gizmos: More Projects & Devices to Channel Your Inner Geek
by Field, Simon Quellen
J 621.381 FIE
This fresh collection of more than 20 science projects--from hydrogen fuel cells to computer-controlled radio transmitters--is perfect for the tireless tinkerer.

Scientific Goofs: Adventures Along the Crooked Trail to Truth
by Aronson, Billy
J 507.2 ARO
A wonderfully funny look at a few items from science's "It Seemed like a Good Idea at the Time" department.

Secrets of a Civil War Submarine
by Walker, Sally M.
J 973.757 WAL
After sinking a Union sloop near Charleston, South Carolina, in 1864, the Hunley did not return to port. This is a finely crafted account of the Hunley from its inception to the modern archaeological quest to exhume her from the water.

Snake Scientist
Series Title: Scientists in the field
by Montgomery, Sy
J 597.96 MON
Each spring, 18,000 red-sided garter snakes emerge en masse from three underground dens in Manitoba, Canada, where they have spent the winter stacked on top of one another like cordwood.

Story of Science: Aristotle Leads the Way
Series Title: Story of Science
by Hakim, Joy
J 509 HAK
In the first book of her three part series, Hakim invites readers of all ages to meet the forebears of modern science. She presents the influence of ancient Greek, Hindu, and Arab thinkers on the evolution of science in the fields of math, astronomy, and physics

Story of Science: Einstein adds a new dimension
Series Title: Story of Science
by Hakim, Joy
J 509 HAK
Beginning with a journey through space and Albert Einstein riding on a light beam, Hakim takes a lively and accessible look at the theory of relativity, chaos theory, and string theory, showing throughout how the greatest scientific discoveries often begin with the simplest questions about our world--and who we really are.

Strange Animals, New to Science
by Pringle, Laurence
J 591.68 PRI
Pringle brings insight into the struggles and triumphs of biologists and other scientists who rush to endangered wildlife habitats hoping for the discovery of extinct or new animal

Tarantula Scientist
Series Title: Scientists in the field
by Montgomery, Sy
J 595.44 MON
Readers follow spider scientist Sam Marshall in this multiple award-winning book as he explores the dense rainforest of French Guiana, knocking on the doors of tarantula burrows, trying to get a closer look at one of Earths biggest and hairiest spiders.

Team Moon: How 400,000 People Landed Apollo 11 on the Moon
by Thimmesh, Catherine
J 629.454 THI
Culling NASA transcripts, national archives, and stunning NASA photos from "Apollo 11," the author captures the dedication, ingenuity, and perseverance of the people behind the scenes who worked to make the first moon landing possible.

Transformed: How Everyday Things Are Made
by Slavin, Bill
J 670 SLA
CDs start out as sand, and blackboard chalk comes from tiny sea creatures. This unique book shows how nature is transformed into more than 60 things we eat, drink, play with, wear, or use every day.

Wild Science
by Miles, Victoria
J 591.68 MIL
A fascinating look at 10 wildlife biologists and their work. The disparate experiences include rescuing a stranded young blue whale in a Norwegian fjord, teaching a young sea otter to forage for crabs in

Monterey Bay, and tracking bats in the Chiricahuas in Arizona.

With a Little Luck : Surprising Stories of Amazing Discoveries
by Fradin, Dennis
J 509 FRA
From Isaac Newton's sudden grasp of gravity to Alexander Fleming's chance development of penicillin, this collection reveals the thrilling stories behind 11 monumental discoveries.

Yuck! A Big Book of Little Horrors
by Snedden, Robert
J 579 SNE
Photographed in glorious yucknocolor, the pictures on these pages are guaranteed to raise goose bumps and leave readers itching.