

The Great White Shark Scientist Scientists In The Field Series

Follow the scientists working in the Pacific Northwest as they race to save these remarkable whales from extinction. Includes amazing photos. Orcas have a reputation for being bloodthirsty, but that myth is being debunked as scientists learn more about these “killer” animals. In this book, readers of all ages can follow scientists in the Pacific Northwest who study the nuanced communication patterns, family structure, and socialization of orca whales, from marine biologists to specialists in the study of sound. With stunning photography and attention to field-based detail, *The Orca Scientists* paints a vivid picture of the individuals who have made it their life's work to better understand orcas, as well as the whales they are helping to save. “Fans of these popular marine mammals will be intrigued.”—Kirkus Reviews

Describes the physical characteristics, behavior, and environment of tiger sharks.

Whale sharks are the largest of all fishes, fascinating for comparative studies of all manner of biological fields, including functional anatomy, growth, metabolism, movement ecology, behavior and physiology. These gentle ocean giants have captured the interest of scientists and the imagination of the public, yet their future is uncertain. The conservation status of whale sharks was upgraded to Endangered on the IUCN Red List and the species faces a range of intense threats from human activities. Can these iconic living animals, who have survived for millions of years, survive us? Written by the world's leading experts in whale shark biology, ecology, and conservation, *Whale Sharks: Biology, Ecology and Conservation* is the first definitive volume about the world's biggest fish. Chapters include discussions of satellite-linked tags, used to track whale shark movements; genetic sequencing, to examine evolutionary adaptations; even the use of underwater ultrasound units to investigate the species' reproduction. The editors hope that by collating what is known, they can make it easier for future researchers, conservationists, and resource managers to fill some of the remaining knowledge gaps, and provide the information they need to join the team. As you work your way through this book, we hope that you will develop a sense of awe and marvel at all of our good fortune to share the ocean, and the planet, with this utterly extraordinary species.

Based on a major international exhibit that traveled for five years in North America, this book depicts the fascinating world of sharks.

Dr. Greg Skomal, biologist and head of the Massachusetts Shark Research Program, is investigating a controversial possibility: Might Cape Cod's waters serve as a breeding ground for the great white shark, the largest and most feared predatory fish on Earth? Sy Montgomery and Keith Ellenbogen report on this thrilling turning point in marine research and travel to Guadeloupe, Mexico, to get up close and personal with the sharks. This daring expedition into the realm of great

whites shows readers that in order to save the planet and its creatures, we must embrace our humanity and face our greatest fears.

The Great White Shark Scientist Houghton Mifflin Harcourt

Are you afraid of the Great White Shark? Why should you be or be not? The Great White Shark is often portrayed as terrifying in movies. This book will enlighten your mind on what the real nature of the Great Whites are. It will also include fantastic facts on all shark species. Go ahead and read a copy of this book today!

"Amazing photography accompanies engaging information about great white sharks and killer whales. The combination of high-interest subject matter and light text is intended for students in grades 3 through 7"--

Describes the work and observations of American scientist Caitlin O'Connell during her studies of the African elephant in Etosha National Park in Namibia.

Do great white sharks hunt humans? Can a great white eat a boat? Are great white sharks cold-blooded killers? Take a trip to the ocean's depth to learn the truth about these infamous creatures. From the most current information on their swimming habits and ancient ancestors to details about their conveyor belt of teeth, armored skin and super senses, kids will be fascinated by these amazing creatures. Special sidebars offer extra information on what it's like to dive in a shark cage, how to measure a great white, and its different nicknames around the world. Over 50 full-color photographs including a gigantic shark gatefold bring the informative text alive and will thrill budding marine biologists. Includes a detailed glossary, bibliography and index.

When a Connecticut shore community is threatened by a malevolent and lethal creature called White Shark, it is up to oceanic scientist Simon Chase to stop the reign of terror

A prehistoric mystery. A fossil so mesmerizing that it boggled the minds of scientists for more than a century—until a motley crew of modern day shark fanatics decided to try to bring the monster-predator back to life. In 1993, Alaskan artist and paleo-fish freak Ray Troll stumbled upon the weirdest fossil he had ever seen—a platter-sized spiral of tightly wound shark teeth. This chance encounter in the basement of the Natural History Museum of Los Angeles County sparked Troll's obsession with *Helicoprion*, a mysterious monster shark from deep time. In 2010, tattooed amateur strongman and returning Iraq War veteran Jesse Pruitt was also severely smitten by a *Helicoprion* fossil in a museum basement in Idaho. These two bizarre-shark disciples found each other, and an unconventional band of collaborators grew serendipitously around them, determined to solve the puzzle of the tooth whorl once and for all. *Helicoprion* was a Paleozoic chondrichthyan about the size of a modern great white shark, with a circular saw of teeth centered in its lower jaw—a feature unseen in the shark world before or since. For some ten million years, long before the Age of Dinosaurs, *Helicoprion* patrolled the shallow seas around the supercontinent Pangaea as the apex predator of its time. Just a few tumultuous years after Pruitt and Troll met, imagination, passion, scientific process, and state-of-the-art technology merged into an unstoppable force that reanimated the remarkable creature—and made important new discoveries. In this groundbreaking

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book, Susan Ewing reveals these revolutionary insights into what Helicoprion looked like and how the tooth whorl functioned—pushing this dazzling and awe-inspiring beast into the spotlight of modern science

An in-depth guide to sharks includes information on where they live, how they eat, the challenges they face, and whether or not certain species pose a danger to humans.

An oil-filled liver makes the blue shark extra buoyant, allowing this fish to travel incredible distances with ease. One blue shark was tracked as it traveled over 3,740 miles (6,019 kilometers) from New York to Brazil! See what drives the streamlined swimmer in this book for growing readers.

Great white sharks are powerful predators. They rush at seals and push them out of the water! In this book, swim along with several great white sharks.

Up close with the ocean's most fearsome and famous predator and the scientists who study them—just twenty-six miles from the Golden Gate Bridge! A few miles from San Francisco lives a population of the ocean's largest and most famous predators. Each fall, while the city's inhabitants dine on steaks, salads, and sandwiches, the great white sharks return to California's Farallon Islands to dine on their favorite meal: the seals that live on the island's rocky coasts. Massive, fast, and perfectly adapted to hunting after 11 million years of evolution, the great whites are among the planet's most fearsome, fascinating, and least understood animals. In the fall of 2012, Katherine Roy visited the Farallons with the scientists who study the islands' shark population. She witnessed seal attacks, observed sharks being tagged in the wild, and got an up close look at the dramatic Farallons—a wildlife refuge that is strictly off-limits to all but the scientists who work there. *Neighborhood Sharks* is an intimate portrait of the life cycle, biology, and habitat of the great white shark, based on the latest research and an up-close visit with these amazing animals.

Marine biologists and shark scientists are boys who love sharks. The great white shark is the most dangerous predator of the sea. college ruled white paper 120 pages matte cover soft cover (paperback)

Spend a day at sea tracking sharks—with the help of a robot! Join a team of marine biologists as they head out in their boat to study mako sharks. Simple, entertaining text and bright, accurate illustrations bring science and technology to life, and additional pages of facts about sharks follow the story. This book is bound to make a splash with young minds!

Mako sharks are fast movers. They swim at speeds no other shark can reach! In this book, swim along with several mako sharks.

If you were stranded in the open ocean, the oceanic whitetip shark would likely be the first to greet you. This fish prefers to haunt the deep, open waters of the ocean, where it jumps on any potential food source. Young readers will learn why this lesser-known shark deserves the same infamy as the greats.

A journalist's obsession brings her to a remote island off the California coast, home to the world's most mysterious and

fearsome predators--and the strange band of surfer-scientists who follow them Susan Casey was in her living room when she first saw the great white sharks of the Farallon Islands, their dark fins swirling around a small motorboat in a documentary. These sharks were the alphas among alphas, some longer than twenty feet, and there were too many to count; even more incredible, this congregation was taking place just twenty-seven miles off the coast of San Francisco. In a matter of months, Casey was being hoisted out of the early-winter swells on a crane, up a cliff face to the barren surface of Southeast Farallon Island--dubbed by sailors in the 1850s the "devil's teeth." There she joined Scot Anderson and Peter Pyle, the two biologists who bunk down during shark season each fall in the island's one habitable building, a haunted, 135-year-old house spackled with lichen and gull guano. Two days later, she got her first glimpse of the famous, terrifying jaws up close and she was instantly hooked; her fascination soon yielded to obsession--and an invitation to return for a full season. But as Casey readied herself for the eight-week stint, she had no way of preparing for what she would find among the dangerous, forgotten islands that have banished every campaign for civilization in the past two hundred years. The Devil's Teeth is a vivid dispatch from an otherworldly outpost, a story of crossing the boundary between society and an untamed place where humans are neither wanted nor needed.

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A scientific journey to study the dolphins of coastal Australia considers the many potential sources of dolphin intelligence and what dolphin behavior can inform the scientific community about human intelligence, captive animals and the future of the oceans. 20,000 first printing.

It looks like a bear, but isn't one. It climbs trees as easily as a monkey— but isn't a monkey, either. It has a belly pocket like a kangaroo, but what's a kangaroo doing up a tree? Meet the amazing Matschie's tree kangaroo, who makes its home in the ancient trees of Papua New Guinea's cloud forest. And meet the amazing scientists who track these elusive animals.

Key features: Serves as the first single-source reference with in-depth coverage of techniques appropriate for the laboratory and field study of sharks, skates, and rays Contains chapters on a broad range of methods such as Imaging Technologies, Satellite Tracking, Stationary Underwater Video, and Population Genetic Approaches and Genomics among others Presents technologies that can be used to study other aquatic fish and marine mammals and reptiles Includes chapter authors who were pioneers in developing some of the technologies discussed in the book Concludes with a unique section on Citizen Science and its Application to Studies of Shark Biology Over the last decade, the study of shark biology has benefited from the development, refinement, and rapid expansion of novel techniques and advances in technology. These have given new insight into the fields of shark genetics,

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feeding, foraging, bioenergetics, imaging, age and growth, movement, migration, habitat preference, and habitat use. This pioneering book, written by experts in shark biology, examines technologies such as autonomous vehicle tracking, underwater video approaches, molecular genetics techniques, and accelerometry, among many others. Each detailed chapter offers new insights and promises for future studies of elasmobranch biology, provides an overview of appropriate uses of each technique, and can be readily extended to other aquatic fish and marine mammals and reptiles.

Only 35,000 humans remain... ..and the aliens hunt them for sport. Who will lead the uprising? In the year A.D. 3000, Earth is a dystopian wasteland. The great cities stand crumbling as a brutal reminder of what we once were. When the Psychlos invaded, all the world's armies mustered little resistance against the advanced alien weapons. Now, the man animals serve one purpose. Do the Psychlos' bidding or face extinction. One man, Jonnie Goodboy Tyler, has a plan. They must learn about the Psychlos and their weapons. He needs the other humans to follow him. And that may not be enough. Can he outwit his Psychlo captor, Terl? What is their weakness? The fate of the Galaxy lies on the Battlefield of Earth. This is one of the finest examples of science fiction ever written, with nuance, sub-plots, and action all the way through. A masterpiece at over 1,000 pages. You'll love this epic New York Times bestseller by L. Ron Hubbard, because his vision of science fiction was ahead of its time. Get it now. "Pulse-pounding mile-a-minute sci-fi action-adventure that does not stop. It is a masterpiece of popular adventure science fiction." —Brandon Sanderson "Battlefield Earth is like a 12-hour 'Indiana Jones' marathon. Non-stop and fast-paced. Every chapter has a big bang-up adventure." —Kevin J. Anderson (co-author of the Dune Sagas) "Over 1,000 pages of thrills, spills, vicious aliens and noble humans. I found Battlefield Earth un-put-downable." —Neil Gaiman

A latest entry in the award-winning Scientists in the Field series takes readers to the waters off of Moorea, Tahiti, to study these amazing creatures, following scientists as they uncover the secrets of the octopus's advanced intelligence to learn what these thinking, feeling animals have to teach us about the oceans and ourselves.

Describes the life and career of ichthyologist Eugenie Clark, who first became interested in fish at the New York Aquarium and went on to become an expert on sharks.

This series of titles goes behind the scenes with the people who research and photograph wild animals to put the reader right in the action, and each title includes a scientific experiment, a glossary, facts at a glance section, and more.

Dive in and take a bite out of SHARKS! More than 400 species swim in the Earth's oceans: some in shallow waters, others far below. Created in collaboration with the American Museum of Natural History, Sharks introduces nine different sharks to budding marine biologists. Thanks to the book's graduated tabs, kids can really see and compare the various size and shapes of these special animals.

Shark Books for Kids Looking for shark books for kids? Best-selling children's writer, Jenny Kellett, brings you some of the most amazing shark facts in her latest fact book. Did you know that if you're afraid of sharks you are said to have galeophobia? But I'm guessing if you're looking at this book, you don't have that! The perfect choice for parents with shark-obsessed kids, this incredible

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shark book is sure to be a hit with your mini marine biologists! Sharks are one of the coolest and fiercest of the ocean's creatures. From the huge but gentle Whale shark to the ferocious Great White - sharks are the most fascinating of fish. The Ultimate Shark Book for Kids has over 100 amazing shark facts that kids will love, as well as a fun wordsearch. This book is a must-have for any young shark enthusiast. The book is brought to life with plenty of amazing dozen beautiful shark pictures. Shark facts Did you know.... - The first recorded shark attack was in 1749; - Sharks never run out of teeth; or - When attacking their prey, Great White sharks' eyes roll into the back of their heads to prevent their eyes being damaged? Find these shark facts and many more in The Ultimate Shark Book for Kids, the latest in a series of animal fact books for kids by author Jenny Kellett.

Two young explorers join Fabien Cousteau and his team to get up close and personal with great white sharks in this start to a series of graphic adventure novels. Junior explorers Bella and Marcus join famed explorer Fabien Cousteau and his research team as they embark on an ocean journey off the coast of South Africa, where the world's largest concentrations of great white sharks are found. Their mission is to investigate a sighting of a massive white shark, and tag it so they can track and protect it. Along the way, they'll encounter whales, seals, dolphins, penguins, and a colorful array of other marine life. They'll also enter a shark cage and come face to face with these powerful creatures. Dramatic, graphic illustrations and a compelling story help young readers discover tons of facts about sharks and other marine creatures. Children will also learn the many damaging myths about sharks, why they are so misunderstood, and what is being done to protect them from further exploitation and possible extinction.

One of New York Times' Twelve Books for Feminist Boys and Girls! This is the story of a woman who dared to dive, defy, discover, and inspire. This is the story of Shark Lady. One of the best science picture books for children, Shark Lady is a must for both teachers and parents alike! An Amazon Best Book of the Month Named a Best Children's Book of 2017 by Parents magazine Eugenie Clark fell in love with sharks from the first moment she saw them at the aquarium. She couldn't imagine anything more exciting than studying these graceful creatures. But Eugenie quickly discovered that many people believed sharks to be ugly and scary—and they didn't think women should be scientists. Determined to prove them wrong, Eugenie devoted her life to learning about sharks. After earning several college degrees and making countless discoveries, Eugenie wrote herself into the history of science, earning the nickname "Shark Lady." Through her accomplishments, she taught the world that sharks were to be admired rather than feared and that women can do anything they set their minds to. An inspiring story by critically acclaimed zoologist Jess Keating about finding the strength to discover truths that others aren't daring enough to see. Includes a timeline of Eugenie's life and many fin-tastic shark facts! The perfect choice for parents looking for: Books about sharks Inspiring nonfiction narrative books Role model books for girls and boys Kids STEM books

This level 2, elementary Penguin Reader contains 500 words and tells the story of Amity, a quiet town near New York, that gets terrorized by a great white shark. Policeman Brody is a good policeman and tries to close the beaches, but people won't listen to him.

Caldecott Honor-winning team Steve Jenkins and Robin Page explore the astonishing lives of sharks in this brilliantly illustrated picture book. Perfect for Shark Week and all year round, this ode to the notorious ocean predator with more than four hundred species will blow you out of the water! Sharp teeth, super senses, and those infamous fins—what's not to love about sharks? Caldecott Honor-winning team Steve Jenkins and Robin Page explore one of the world's most notorious—and fearsome—animals. Learn what makes a shark a shark, what sharks

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like to eat, and how these predators of the deep have evolved. Ever wonder which shark is the smallest? Or the fastest? Even the most deadly? You'll find your answers in The Shark Book, with countless others. In this magnificently illustrated picture book, celebrate one of the worlds oldest species that has continued to capture our imaginations and astonish us for thousands of years.

Discusses the lives of great white sharks, focusing on how they hunt their prey.

Marine biologist Pete Klimley swims with the sharks. He was one of the first scientists to free-dive among sharks, and he has spent nearly thirty years studying shark behavior, sometimes swimming in schools of several hundred sharks. From his firsthand observations he has learned that sharks are not the vicious man-eaters that we imagine, but fascinating animals with complex behaviors. Most people who think of sharks at all think immediately of great white sharks. But there are more than four hundred species of shark. Dr. Klimley has studied several species, most notably the great white and the hammerhead. (He describes the great white as the athlete among sharks, and the hammerhead as the Ph.D. of the shark world.) In The Secret Life of Sharks Dr. Klimley reveals the significant discoveries he made about hammerhead navigation and great white eating habits. By studying hammerheads gathered around underwater seamounts, Dr. Klimley learned that hammerheads rely on sophisticated tracking of ocean-floor magnetism to navigate. His long-term study of great white sharks off the California coast demonstrated that these huge sharks prefer to eat seals and sea lions because of the energy contained in their fatty bodies. They are selective eaters, not the man-eaters we expect, and they sometimes go weeks between meals. But Dr. Klimley did observe a ritualized behavior that great whites practice in order to avoid deadly disputes over prey that one shark has captured and another wants. Although we have learned a great deal about shark behavior, says Dr. Klimley, there is much that we do not know. Unfortunately we are destroying these magnificent creatures of the deep through overfishing and degradation of the oceans. Already some populations of sharks have declined steeply. Vividly written by one of the foremost authorities on sharks, The Secret Life of Sharks is a fascinating account of some of the world's most magnificent animals.

"Following a tragedy that further alters the course of her life, twelve-year-old Lucy Everhart decides to continue the shark research her marine biologist mother left unfinished when she died years earlier"--

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