Where Is The Great Barrier Reef

Explore the past, present, and future of the Great Barrier Reef. Beautiful photos, fact-filled text, and engaging infographics help readers learn all about this natural wonder and how to protect it long into the future.

Stretching 1,400 miles along the Australian coast and visible from space, the Great Barrier Reef is home to three thousand individual reefs, more than nine hundred islands, and thousands of marine species, and has alternately been viewed as a deadly maze, an economic bounty, a scientific frontier, and a precarious World Heritage site. Now the historian and explorer Iain McCalman takes us on a new adventure into the reef to reveal how our shifting perceptions of the natural world have shaped this extraordinary seascape. Showcasing the lives of twenty individuals spanning more than two centuries, The Reef highlights our profound desire to conquer, understand, embrace, and ultimately save the world's most complex ocean ecosystem. Opening with the story of Captain James Cook, who sailed unknowingly into the southwest entrance of this vast network of coral outcroppings, McCalman shows how Cook spent months navigating this treacherous underwater labyrinth, struggling to keep his crew alive and his ship afloat, sparring with deceptive shoals and wary native islanders. Through a series of dramatic tales from intrepid explorers, unwitting castaways, inquisitive naturalists, enchanted artists, and impassioned environmentalists who have collectively shaped our ideas about the Great Barrier Reef, McCalman demonstrates how this grand natural wonder of the world was built as much by human imagination as by the industrious, beautiful creatures of the sea. A romantic, historically significant book and a deeply personal journey into the heart of a

marine environment in peril, The Reef powerfully captures the delicate relationship between humanity and the natural world. It's a trip "Down Under" for Christina, 10, Grant, 7, and their mystery-writing grandmother Mimi! Lots of surprises and mysterious activities unfold as the group travels through the Outback, Queensland, and finally to the Great Barrier Reef. During a glass-bottom boat ride, they discover more than coral and fish under the water_scuba divers and flesh-tearing moray eel lurk beneath their boat! They shudder at the eerie screech of the Tasmanian devil and brave the awesome Australian Outback (and Aborigines!) at night. Watch and wonder as Grant ends up in the Camel Cup camel race_ will he make it to the finish line? Don't miss a moment of excitement in Christina and Grant's Australian adventure! This mystery incorporates history, geography, culture and cliffhanger chapters that keep kids begging for more! This mystery includes SAT words, educational facts, fun and humor, Built-In Book Club and activities. This Carole Marsh Mystery also has an Accelerated Reader quiz, a Lexile Level, a Fountas & Pinnell guided reading level and a Developmental Reading Assessment. LOOK what's in this mystery - people, places, history, and more! Places: Alice Springs - Uluru-Kata Tjuta National Park - Uluru, or Ayers Rock - Kata Tjuta, or The Olgas - The Great Barrier Reef, off the coast of Queensland - Sydney Opera House - Woolloomooloo, Sydney, Australia - Sails in the Desert Hotel in the Yulara Resort - Sydney Harbor Bridge Educational Items: Australian vocabulary - Legend of the Loch Ness Monster - AustraliaÕs geography during the Jurassic Period - History of the Australian Aboriginal people - History of Uluru (Ayers Rock) and Kata Tjuta (the Olgas) - The Great Barrier Reef; Definition of a reef; How the Great Barrier Reef formed; Sea life in the Reef\Geography of the

Reef - Equipment used in and description of experience of scuba diving - Differences between America and Australia (e.g. seasons are opposite) - Animals Õ use of camouflage - Aboriginal music and instruments - Use of camels in the Outback - Quick facts about Australia including its size, native plant life, geography, etc. - History of Sydney - Australian animal life Below is the Reading Levels Guide for this book: Grade Levels: 3-6 Accelerated Reader Reading Level: 5.0 Accelerated Reader Points: 2 Accelerated Reader Quiz Number: 111601 Lexile Measure: 740 Fountas & Pinnell Guided Reading Level: Q Developmental Assessment Level: 40

With a variety of life rivaled only by a tropical rain forest, Australia's Barrier Reef is the sea's grandest jewel. This collection offers incredible illustrations of a tiger shark, spotfin lionfish, crown-of-thorns starfish, bluespine unicornfish, scribbled angelfish, and 25 more.

The Great Barrier Reef

Good Night Great Barrier Reef

Diving & Snorkeling Australia's Great Barrier Reef

The Great Barrier Reef and Uluru

Oceanographic Processes of Coral Reefs

Produced in partnership with the BBCs The Great Barrier Reef television series, the book takes you on a journey along 2,300km of Australias north-eastern coastline, through the diverse range of habitats that make up this extraordinary water world. "Author from UJCOOK.

With the Foreword by Jennifer Marohasy And the legal saga by Morgan Begg Peter Ridd has

lived by the Great Barrier Reef for most of his life. He knows it and he loves it. Nothing is so important than its protection and preservation. For more than three decades the Reef and the marine region of which it is a key part have been central to his scientific research. In this book Ridd provides a comprehensive, evidence-based account of the state of the Reef for Australians interested in this priceless national treasure, and the science they need to understand its condition properly. He systematically examines major potential dangers to the Reef - coral-eating crown-of-thorns star fish, the impact nutrient pollution from agriculture, dredging of shipping ports, climate change, coal dust, over-fishing, herbicides. The conclusion of this measured, evidence-based study is that it is essential that the health and vitality of the Reef and its environs should be jealously protected. Equally, there is little in its present condition, analysed in the perspective of more than half-a-century, to warrant the alarm and even hysteria which too often mark any discussion or debate about the Reef and the policies promoted by governments purportedly to safeguard its well-being. A key to protecting the future of the Reef is ensuring the quality of the science upon which

governments base policies and legislation for its protection. He advocates rigorous, independent quality assurance of major research, especially that which forms the foundation of public policy. Peter Ridd, a marine geophysicist, is the author or joint author of more than 100 scientific papers and co-inventor of a range of instruments used on reefs around the world.

Good Night Barrier Reef highlights hard and soft corals, Green Island, starfish, sharks, sponges, rays, turtles, giant clams, tropical fish, swimming with dolphins, scuba diving, glass-bottomed boats, helicopter tours, snorkeling, and more. This colorful and educational board book fosters an appreciation for the beauty of the world's largest coral reef while lulling young readers to sleep. This book is part of the bestselling Good Night Our World series, which includes hundreds of titles exploring iconic locations and exciting themes. Many of Australia's most beloved regions are artfully celebrated in these board books designed to soothe children before bedtime while instilling an early appreciation for Australia's natural and cultural wonders. Each book stars a multicultural group of people visiting the featured area's attractions as rhythmic

language guides children through the passage of both a single day and the four seasons while saluting the iconic aspects of each place. Welcome to the Great Barrier Reef! Little scuba divers will jump right into this educational, colorful board book, highlighting the world's largest single structure made by living organisms.

The Great Barrier Reef is the largest reef system in the world. Stretching over 2300km along the Queensland coast it would take several lifetimes to explore every one of its 3000 reefs. To assist divers looking for the best of the Great Barrier Reef and Coral Sea Reefs this guide book lists the most iconic dive sites and dive destinations in this coral wonderland. This wonderful guide book details over 170 of the best dive sites on the Great Barrier Reef and beyond to the remote Coral Sea Reefs. Information is provided on marine life, depths, terrain, diving conditions, best time to visit and a list of dive operators. Extra features are included on shipwrecks, unique marine life and other information that the reader will find invaluable to explore this natural wonder of the world. Filled with beautiful photographs this book will inspire the diver and the non-diver to strap on a mask and head down-under, to explore this amazing

coral wonderland
Where Is the Great Barrier Reef?
The History of the World's Largest Coral Reef
Physical and Biological Links in the Great Barrier Reef
A Journey Through the World's Greatest Natural Wonder
Great Barrier Reef

Fish, turtles, and many other creatures make their home among a huge coral reef off the coast of Australia. Great Barrier Reef looks at when and how this reef formed and what the future looks like for the massive ecosystem. Easy-to-read text, vivid images, and helpful back matter give readers a clear look at this subject. Features include a table of contents, infographics, a glossary, additional resources, and an index. Aligned to Common Core Standards and correlated to state standards. Kids Core is an imprint of Abdo Publishing, a division of ABDO.

***Includes pictures *Includes accounts of the reef and animals written by explorers *Includes a bibliography for further reading *Includes a table of contents "Coral is a very beautiful and unusual animal. Each coral head consists of**

thousand of individual polyps. These polyps are continually budding and branching into genetically identical neighbors." - Antony Garrett List People have always loved to build things, whether it's a feat of engineering in an underground subway or the construction of the world's tallest skyscraper. Thus, it's somewhat ironic that the largest structure ever built was not made by humans but by incredibly tiny organisms known as coral polyps. Over the course of tens of thousands of years, these small organisms have put together a collection of nearly 3,000 reefs that form a collective stretching across 130,000 square miles. It is often mistakenly claimed that the Great Wall of China can be seen in space, but it's absolutely true that the enormous Great Barrier Reef is visible. The sheer size of the Great Barrier Reef is mind-boggling, but its importance extends far past its physical extent. Put simply, the Great Barrier Reef is one of the most beautiful spots on the planet, offering kaleidoscopic colors thanks to the coral and the species that call it home. This is understandable because a staggering number of species

inhabit the Great Barrier Reef, ranging from starfish and turtles to alligators and birds. Scientists have counted about 1,500 different fish species using the reef, and it's estimated that even 1.5 million birds use the site. In designating it a World Heritage Site, UNESCO wrote of the Great Barrier Reef, "The Great Barrier Reef is a site of remarkable variety and beauty on the north-east coast of Australia. It contains the world's largest collection of coral reefs, with 400 types of coral, 1,500 species of fish and 4,000 types of mollusc. It also holds great scientific interest as the habitat of species such as the dugong ('sea cow') and the large green turtle, which are threatened with extinction." Unfortunately, an ecosystem as complex as the Great Barrier Reef is also vulnerable to a host of threats, whether it's fishing, oil spills, or climate change. J.E.N. Veron, former chief scientist of the Australian Institute of Marine Science, described watching how coral was affected during what's known as a mass bleaching event: "And then I saw a whammy, a mass bleaching event ... where everything turns white and dies.

Sometimes it's only the fast-growing branching corals, but some of the others are horrible to see; corals that are four, five, six hundred years old-they die, too... It's real, day in, day out, and I work on this, day in, day out. It's like seeing a house on fire in slow motion...There's a fire to end all fires, and you're watching it in slow motion, and you have been for years." In fact, scientists fear that the Great Barrier Reef has lost most of its coral cover in the last 30 years, which poses a danger to the species that inhabit it, some of which are already endangered. The Great Barrier Reef: The History of the World's Largest Coral Reef looks at the history of the reef and describes it in vivid detail. Along with pictures of important people, places, and events, you will learn about the Great Barrier Reef like never before, in no time at all.

This book opens with case studies of reefs in the Red Sea, Caribbean, Japan, Indian Ocean and the Great Barrier Reef. A section on microbial ecology and physiology describes the symbiotic relations of corals and microbes, and the microbial role in nutrition or bleaching

resistance of corals. Coral diseases are covered in the third part. The volume includes 50 color photos of corals and their environments

"Top sites in the Great Barrier Reef Marine Park, Outer Coral Sea, & Torres Strait"--Cover.

Visitor Encounters with the Great Barrier Reef

Great Barrier Reef Research Journal

The Story of Corals and of the Greatest of Their Creations

A Reef in Time

Its Products and Potentialities : Containing an Account, with Copious Coloured and Photographic Illustrations (the Latter Here Produced for the First Time), of the Corals and Coral Reefs, Pearl and Pearl-shell, Beche-de-mer, Other Fishing Industries, and the Marine Fauna of the Australian Great Barrier Region

Where Is the Great Barrier Reef?Penguin

Illustrated with colour underwater photographs, this reference work covers over 1000 species of fish. The fish are divided into family sections based on the traditional system of phylogeny, and each family is introduced with information on food habits, reproduction and distribution.

Snorkelers and scuba divers will plunge right into this

helpful guide. Features include information on the specific dive site location and dive facilities, one- to five-star ratings of sites, quick reference symbols, tips on underwater photography, health and safety advice, how to travel to the destination, non-diving sightseeing attractions and excursions, and more.

Coral reefs are the largest landforms built by plants and animals. Their study therefore incorporates a wide range of disciplines. This encyclopedia approaches coral reefs from an earth science perspective, concentrating especially on modern reefs. Currently coral reefs are under high stress, most prominently from climate change with changes to water temperature, sea level and ocean acidification particularly damaging. Modern reefs have evolved through the massive environmental changes of the Quaternary with long periods of exposure during glacially lowered sea level periods and short periods of interglacial growth. The entries in this encyclopedia condense the large amount of work carried out since Charles Darwin first attempted to understand reef evolution. Leading authorities from many countries have contributed to the entries covering areas of geology, geography and ecology, providing comprehensive access to the most up-to-date research on the structure, form and processes operating on Quaternary coral reefs.

Reefscape

Ella's Adventures

Reflections on the Great Barrier Reef

Physical Oceanographic Processes of the Great Barrier Reef

History, Science, Heritage

The Great Barrier Reef is located along the coast of Queensland in north-east Australia and is the world's largest coral reef

ecosystem. Designated a World Heritage Area, it has been subject to increasing pressures from tourism, fishing, pollution and climate change, and is now protected as a marine park. This book provides an original account of the environmental history of the Great Barrier Reef, based on extensive archival and oral history research. It documents and explains the main human impacts on the Great Barrier Reef since European settlement in the region, focusing particularly on the century from 1860 to 1960 which has not previously been fully documented, yet which was a period of unprecedented exploitation of the ecosystem and its resources. The book describes the main changes in coral reefs, islands and marine wildlife that resulted from those impacts. In more recent decades, human impacts on the Great Barrier Reef have spread, accelerated and intensified, with implications for current management and conservation practices. There is now better scientific understanding of the threats faced by the ecosystem. Yet these modern challenges occur against a background of historical levels of exploitation that is little-known, and that has reduced the ecosystem's resilience. The author provides a compelling narrative of how one of the world's most iconic and vulnerable ecosystems has been exploited and degraded, but also how some early conservation practices emerged.

This 2007 book reviews the history of geomorphological studies of the Great Barrier

Reef and assesses the influences of sea-level change and oceanographic processes on the development of reefs over the last 10,000 years. It presents analyses of recently attained data from the Great Barrier Reef and reconstructions of the sequence of events which have led to its more recent geomorphology. The authors emphasise the importance of the geomorphological time span and its applications for present management applications. This is a valuable reference for academic researchers in geomorphology and oceanography, and will also appeal to graduate students in related fields.

Physical Oceanographic Processes of the Great Barrier Reef is the first comprehensive volume describing the water circulation and its influence in controlling the distribution of marine life on the Great Barrier Reef of Australia. The book uses exhaustive field and numerical studies to show how the influence of the salient topography occurs at all scales.

This story illustrates the impacts of climate change on our Great Barrier Reef. It is told through the eyes of a feisty fish called Anthia who starts to see the disappearing colours of the reef as a warning sign that the reef is in trouble

Aesthetics, Heritage, and the Senses

The Dive Sites of the Great Barrier Reef and the Coral Sea

Diving the Great Barrier Reef

Great Barrier Reef Coloring Book

The History and Legacy of Australia's Most Famous Landmarks

**Includes pictures *Includes a bibliography for further reading "Coral is a very beautiful and unusual animal. Each coral head consists of thousand of individual polyps. These polyps are continually budding and branching into genetically identical neighbors." - Antony Garrett List People have always loved to build things, whether it's a feat of engineering in an underground subway or the construction of the world's tallest skyscraper. Thus, it's somewhat ironic that the largest structure ever built was not made by humans but by incredibly tiny organisms known as coral polyps. Over the course of tens of thousands of years, these small organisms have put together a collection of nearly 3,000 reefs that form a collective stretching across 130,000 square miles. It is often mistakenly claimed that the Great Wall of China can be seen in space, but it's absolutely true that the enormous Great Barrier Reef is visible. The sheer size of the Great Barrier Reef is mind-boggling, but its importance extends far past its physical extent. Put simply, the Great Barrier Reef is one of the most beautiful spots on the planet, offering kaleidoscopic colors thanks to the coral and the species that call it home. This is understandable because a staggering number of species inhabit the Great Barrier Reef, ranging from starfish and turtles to alligators and birds. Scientists have counted about 1,500 different fish species using the reef, and it's estimated that even 1.5 million birds use the site. In designating it a World Heritage Site, UNESCO wrote of the Great Barrier Reef, "The Great Barrier Reef is a site of remarkable variety and beauty on the north-east coast of Australia. It contains the world's largest collection of coral reefs, with 400 types of coral, 1,500 species of fish and 4,000 types of mollusc. It also holds great scientific interest as the habitat of species such as the dugong ('sea cow') and the large green turtle, which are threatened with extinction." Unfortunately, an ecosystem as complex as the Great Barrier Reef is also vulnerable to a host of threats, whether it's fishing, oil spills,*

or climate change. J.E.N. Veron, former chief scientist of the Australian Institute of Marine Science, described watching how coral was affected during what's known as a mass bleaching event: "And then I saw a whammy, a mass bleaching event ... where everything turns white and dies. Sometimes it's only the fast-growing branching corals, but some of the others are horrible to see; corals that are four, five, six hundred years old-they die, too... It's real, day in, day out, and I work on this, day in, day out. It's like seeing a house on fire in slow motion...There's a fire to end all fires, and you're watching it in slow motion, and you have been for years." In fact, scientists fear that the Great Barrier Reef has lost most of its coral cover in the last 30 years, which poses a danger to the species that inhabit it, some of which are already endangered.

The magnificent monolith the locals call "Uluru," situated in the heart of Australia, hovers over a patchy bed of desert poplars and spinifex grasslands. The pleasant, but otherwise unexceptional surroundings of the spellbinding sandstone landform only further accentuates its majesty, one that can be appreciated from a variety of angles. To lime-colored budgerigars, mighty brown falcons, passengers in planes and helicopters, and other creatures blessed with the gift of flight, the free-form rock is reminiscent of the fossil of a spiky fish, a misshapen arrowhead, or perhaps a peculiar, ocher-tinged seashell peeking out of the sand. To those gazing upon the natural gem on solid ground, the flat-topped, burnt sienna beauty, marked with character-forming dimples, ripples, and ridges, looks more like a sleeping, thousand-year-old turtle, particularly through squinted eyes.

Introduces the Great Barrier Reef off the coast of Australia, [which] is the world's largest coral reef system. Stretching more than 1,400 miles, it provides a home to a wide diversity of creatures"--Amazon.com.

Visitor Encounters with the Great Barrier Reef explores how visitor encounters have shaped the history and heritage of the Reef. Moving beyond the visual aesthetic significance, the book highlights

the importance of multi-sensuous experiences in understanding the region as a UNESCO World Heritage Site. Drawing on archival and ethnographic research, the book describes how visitors have experienced the Great Barrier Reef through personal embodied encounters and the mechanisms they have used to understand, access and share these experiences with others. Illustrating how such experiences contribute to a knowledge of place, Pocock also explores the vital role of reproduction and photography in sharing experiences with those who have never been there. The second part of the book analyses visitor experiences and demonstrates how they underpin three key frames through which the Reef is understood and valued: the islands as paradise, the underwater coral gardens, and the singular Great Barrier Reef. Acknowledging that these constructs are increasingly removed from human experience, Pocock demonstrates that they are nevertheless integral to recognition of the region as a World Heritage Site. Demonstrating how experiences of the Reef have changed over time, Visitor Encounters with the Great Barrier Reef should be of interest to academics and students working in the fields of heritage studies, history and tourism. It should also be of interest to heritage practitioners working around the globe.

The iconic and beautiful Great Barrier Reef Marine Park is home to one of the most diverse ecosystems in the world. With contributions from international experts, this timely and fully updated second edition of The Great Barrier Reef describes the animals, plants and other organisms of the reef, as well as the biological, chemical and physical processes that influence them. It contains new chapters on shelf slopes and fisheries and addresses pressing issues such as climate change, ocean acidification, coral bleaching and disease, and invasive species. The Great Barrier Reef is a must-read for the interested reef tourist, student, researcher and environmental manager. While it has an Australian focus, it can equally be used as a reference text for most Indo-Pacific coral reefs.

Fishes of the Great Barrier Reef and Coral Sea

Across the Great Barrier
The Great Barrier Reef from Beginning to End
In the Great Barrier Reef

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Learn about the history of the Great Barrier Reef in Australia with iMinds Travel's insightful fast knowledge series. Imagine a sea of sparkling, clear blue water speckled with multicoloured coral. Imagine crabs, turtles, dugongs, sea snakes and hundreds of species of fish swimming among this coral. Now imagine this scene stretching out for more than two thousand kilometres, or 1240 miles! This is the Great Barrier Reef, which is so expansive it is said that if you dived along it every day of your life you would not see it all. Situated along the northeast coastline of Australia, in the Pacific Ocean, the reef stretches from southern Queensland to just below

Papua New Guinea. Often regarded as one of the seven natural wonders of the world, the Great Barrier Reef is a dazzling sight. But it is more than that. Made up of almost 3000 individual coral reefs, the area houses a wealth of marine life. Indeed, it is the most complex coral reef system in the world and one of the most dynamic ecosystems, of any kind, that exists on our planet. In 1981 it was deemed a UNESCO World Heritage Area - and remains the largest to gain this status. iMinds will tell you the story behind the place with its innovative travel series, transporting the armchair traveller or getting you in the mood for discover on route to your destination. iMinds brings targeted knowledge to your eReading device with short information segments to whet your mental appetite and broaden your mind.

Biomes are home to unique animals and plants. Introduce beginning readers to the Great Barrier Reef! Readers will get an up-close look at the characteristics of the reef and how corals, fish, anemones, rays, birds, and other animals have adapted to life in and around this amazing biome.

Explores the richness of the Great Barrier Reef, how humans have damaged it, and efforts being taken to restore it. Clear text, vibrant photos, and helpful infographics make this book an accessible and engaging read.

The Great Barrier Reef of Australia

Biology, Environment and Management

Encyclopedia of Modern Coral Reefs

The Mystery on the Great Barrier Reef (Australia)

The Great Barrier Reef of Australia; Its Products and Potentialities

Ellas Adventures is a children's picture book about the story of a real Sea Turtle, called Ella which ended up in a Turtle Hospital in Cairns Australia. Ella tells her story, and the story of all the other Turtles in the Hospital, what happened to them and what people did to help them. Ella then gets released back to the wild, we learn about other species of the Reef and the changed we as human have to undertake in order to keep our Oceans healthy.

A beautifully written and illustrated book exploring the nature and significance of reefs, particularly of Australia's World Heritage-listed Great Barrier Reef.;

Like many coral specialists fifteen years ago, Veron thought Australia's Great Barrier Reef was impervious to climate change. Then he saw for himself the devastation that elevated sea temperatures can inflict on corals.

Demonstrating the relevance and need of science in planning the future of the Great Barrier Reef and coral reefs worldwide, Oceanographic Processes of Coral Reefs: Physical and Biological Links in the Great Barrier Reef emphasizes multi-disciplinary processes - physical and biological links - that have emerged as the dominant forces shaping and controlling the ecosystem. The book draws heavily on data from coral reefs in Australia, Indonesia, Thailand, and the Philippines. Oceanographic Processes of Coral Reefs: Physical and Biological Links in the

Great Barrier Reef covers: Climate and global change Coastal oceanography Wetlands ecology Estuaries Marine biology Land use management in the tropics Fisheries management Coral Reef ecological modeling Biodiversity and the human impact Explore how the ecosystem responds to both physical and biological stimuli, and how they interact Understand processes imperative to create sustainable design strategies Comprehend the connectivity of biotopes - land, mangroves, seagrass, and corals Discover the relationship between managing marine resources and managing adjoining land use Learn how fish behavior and migration patterns control fisheries
REEF HERESY? Science, Research and the Great Barrier Reef.
Coral Health and Disease
Restoring the Great Barrier Reef
Structure, Form and Process
The Great Barrier Thief

The Great Barrier Reef Marine Park is 344 400 square kilometres in size and is home to one of the most diverse ecosystems in the world. This comprehensive guide describes the organisms and ecosystems of the Great Barrier Reef, as well as the biological, chemical and physical processes that influence them. Contemporary pressing issues such as climate change, coral bleaching, coral disease and the challenges of coral reef fisheries are also discussed. In addition,the book includes a field guide that will help people to identify the common animals and plants on the reef, then to delve into the book to learn

more about the roles the biota play. Beautifully illustrated and with contributions from 33 international experts, The Great Barrier Reef is a must-read for the interested reef tourist, student, researcher and environmental manager. While it has an Australian focus, it can equally be used as a baseline text for most Indo-Pacific coral reefs. Winner of a Whitley Certificate of Commendation for 2009.

In an alternate frontier America, Eff must travel beyond the Great Barrier and come to terms with her magic abilities--and those of her twin brother--to stop the newest threat encroaching on the settlers.

One of the world's natural wonders, the Great Barrier Reef stretches more than 2000 kilometres in a maze of coral reefs and islands along Australia's north-eastern coastline. Now unfolding the fascinating story behind its mystique this 2002 book provides for the first time a comprehensive cultural and ecological history of European impact, from early voyages of discovery to developments in Reef science and management. Incisive and a delight to read in its thorough account of the scientific, social and environmental consequences of European impact on the world's greatest coral reef system, this extraordinary book is sure to become a classic.

A captivating illustrated introduction to The Great Barrier Reef, written by renowned Oceanographer and author, Helen Scales. Illustrated by up and comer Lisk Feng, this is perfect for intrepid young snorkelers or children curious about the world under the sea. With nearly 400,000 square kilometers of dazzling color, intricate ecosystems and

unique creatures large and small, The Great Barrier Reef is one of the great natural wonders of our world. Vibrant, dynamic illustrations illuminate this enchanting place, its animal inhabitants, and the peoples who have embraced it as a centerpiece of their cultures. Learn all about how the reef came to be, its place in the world, and perhaps most importantly, what we can all do to help ensure that The Great Barrier Reef will be around for countless future generations to discover!

Coral Wonderland

Animals of the Great Barrier Reef

The Reef: A Passionate History: The Great Barrier Reef from Captain Cook to Climate Change

An Environmental History

The Geomorphology of the Great Barrier Reef

Follow along as a researcher observes and makes journal entries about their field trip across the Great Barrier Reef ecosystem. Outstanding photographs highlight the animals, plants, and people that inhabit this diverse reef in Australia. Simple graphs show how much the reef has changed, and the final report describes efforts being made to preserve it.

As the largest coral reef system on the globe and home to 1,500 species of fish and other diverse marine life, Australia's Great Barrier reef is unquestionably one of the great wonders of the natural world. Unfortunately, it is also in grave danger of dying. Recent annual back-to-back coral bleaching events have drastically accelerated the already existing damage to the Great Barrier Reef and its

rich biodiversity. The reef is under threat from numerous other pressures, both natural and man-made. These threats include over-fishing, coastal development, agriculture, mining, tourism, and the ravaging ecological impacts of climate change. How is Australia sustainably managing the reef and the land-based and sea life it supports? What conservation threats are being effectively addressed, before it is too late to save the Great Barrier Reef?

Development, Diversity and Change

Saving the Great Barrier Reef

A Year on the Great Barrier Reef