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Plate Tectonics

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A Tale for the Time Being

Boy, Were We Wrong About Dinosaurs!

Great White Sharks

RHS The Magic and Mystery of Trees
Tracking Trash
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Dark Life
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Tracking Trash
DK Eyewitness Books: Tree
How Tia Lola Saved the Summer
Flotsam
Washed Up
(Grade 6) Houghton Mifflin Harcourt Readers: Tracking Trash
Active Reading
The Orca Scientists

*Tracking Trash Flotsam
Jetsam And The Science
Of*

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JIMENA EDWARDS

Plate Tectonics Scholastic, Incorporated
The author of *The Hive Detectives* presents “a unique and often fascinating book on ocean currents, drifting trash, and the scientists who study them” (Booklist). Aided by an army of beachcombers, oceanographer Dr. Curtis Ebbesmeyer tracks trash in the name of science. From sneakers to hockey gloves, Curt monitors

the watery fate of human-made cargo that has spilled into the ocean. The information he collects is much more than casual news; it is important scientific data. And with careful analysis, Curt, along with a community of scientists, friends, and beachcombers alike, is using his data to understand and protect our ocean. In engaging text and unforgettable images, readers meet the woman who started it all (Curt’s mother!), the computer program that makes sense of his data (nicknamed OSCURS), and several scientists, both on land and on the sea, who are using Curt’s

discoveries to preserve delicate marine habitats and protect the creatures who live in them. A Boston Globe-Horn Book Award Honor Book for Nonfiction “Even kids not remotely interested in science might find this work captivating.”—*Newsday* “Loaded . . . with information, insight, and intellectual twists.”—*Natural History Magazine* “The well-written narration will keep readers engaged, and it’s excellent for reports. The science is clearly explained, and the vivid and lively photographs and well-labeled charts and diagrams help to create

interest and build understanding. This title will get readers thinking and possibly acting on these problems.”—School Library Journal (starred review) “Scientific information builds from chapter to chapter, creating a natural detective story.”—Horn Book

An Egg Is Quiet Harvard University Press
NPR's "All Things Considered," calls *Queer Ducks* "teenager-friendly. It's a young adult book filled with comics and humor and accessible science, and it's filled with research on the diversity of sexual behavior in the animal world." This groundbreaking illustrated YA nonfiction title from two-time National Book Award finalist and New York Times bestselling author Eliot Schrefer is a well-researched and teen-friendly exploration of the gamut of queer behaviors observed in animals. A quiet revolution has been underway in recent years, with study after study revealing substantial same-sex sexual behavior in animals. Join celebrated author Eliot Schrefer on an exploration of queer behavior in the animal world—from albatrosses to bonobos to clownfish to doodlebugs. In sharp and witty prose—aided by humorous comics from

artist Jules Zuckerberg—Schrefer uses science, history, anthropology, and sociology to illustrate the diversity of sexual behavior in the animal world. Interviews with researchers in the field offer additional insights for readers and aspiring scientists. Queer behavior in animals is as diverse and complex—and as natural—as it is in our own species. It doesn't set us apart from animals—it bonds us even closer to our animal selves.

Handle with Care Houghton Mifflin Harcourt

Tracing Millay's life from her youth in Maine to the bohemian fervor of her early adulthood in Greenwich Village and Paris, this fascinating biography will captivate middle grade readers. Including photos, full-length poems, plentiful letter and diary excerpts, a time line, source notes, and bibliography, this is an indispensable resource for any young person interested in poetry, literature, or biographies of remarkable people in American history. **Revenge of the Whale** Houghton Mifflin Harcourt

The ancient Chinese thought they were magical dragons. Scientists thought they could only float on water since they were

so big. Boy, were they wrong! Even today, notions about dinosaurs are being revised as new discoveries are made. This lively book offers fascinating insight into how certain theories were formulated, and then how those theories were proved or disproved.

Ocean Atlas Houghton Mifflin Harcourt
RSVP and have a ball--a moth ball--while studying moths in your own backyard! Kids are usually asleep when moths come out at night. But discovering the diverse moth population is simple--stay up late and set up a party for moths! Nature centers and museums host events called moth balls each summer, but kids can create their own right at home.

Captivating photographs show how to lure in moths to study them. Direct address to the reader shows kids the magic of science found at home.

Tracking Trash Chicago Review Press
Selected by The New York Times Book Review as a Notable Book of the Year A revelatory tale of science, adventure, and modern myth. When the writer Donovan Hohn heard of the mysterious loss of thousands of bath toys at sea, he figured he would interview a few oceanographers,

talk to a few beachcombers, and read up on Arctic science and geography. But questions can be like ocean currents: wade in too far, and they carry you away. Hohn's accidental odyssey pulls him into the secretive world of shipping conglomerates, the daring work of Arctic researchers, the lunatic risks of maverick sailors, and the shadowy world of Chinese toy factories. *Moby-Duck* is a journey into the heart of the sea and an adventure through science, myth, the global economy, and some of the worst weather imaginable. With each new discovery, Hohn learns of another loose thread, and with each successive chase, he comes closer to understanding where his castaway quarry comes from and where it goes. In the grand tradition of Tony Horwitz and David Quammen, *Moby-Duck* is a compulsively readable narrative of whimsy and curiosity.

Flotsametrics and the Floating World
Penguin

An introduction to the field of genetics is told through the story of Randy Lewis and his work with golden orb weaver spiders as well as his subsequent creation of artificial spider silk that can be used to

save and improve lives. 20,000 first printing.

What A Waste First Avenue Editions
“Spotlights a ‘dream team’ of scientists as they work to determine what is threatening bee colonies and (by extension) agriculture . . .

fascinating.”—Booklist (starred review)
Without honey bees the world would be a different place. There would be no honey, no beeswax for candles, and—worst of all—barely a fruit, nut, or vegetable to eat. So imagine beekeeper Dave Hackenburg’s horror when he discovered twenty million of his charges had vanished. Those missing bees became the first casualties of a mysterious scourge that continues to plague honey bee populations today. In *The Hive Detectives*, Loree Griffin Burns profiles bee wranglers and bee scientists who have been working to understand colony collapse disorder, or CCD. In this dramatic and enlightening story, readers explore the lives of the fuzzy, buzzy insects and learn what might happen to us if they were gone. “Throughout the presentation, readers learn about the anatomy, development, and social behavior of honey bees, and observe the

process of scientific investigation and its vital, real-world application.”—Booklist (starred review)
“An appendix adds varied fascinating facts about bees—again using the format of an illustrated research journal. Harasimowicz’s clear, beautifully reproduced photographs support and extend the text. Readers . . . will be well served by this example of a scientific mystery still unsolved.”—Kirkus Reviews (starred review)
“Clear color photographs of beekeepers, scientists, equipment, close-ups of bees, hives, etc., complement the text on every page. Youngsters concerned with the environment will find this meticulously researched title a valuable resource.”—School Library Journal

Garbage Land Knopf Books for Young Readers

In the extraordinary Caldecott Medal-winner and New York Times bestseller by David Wiesner, a beach day is the springboard to a wildly imaginative exploration of fantastical mysteries of the deep—and of human connections through time. A young boy comes to the beach eager to collect and examine flotsam—anything floating that has been

washed ashore. But nothing among his usual finds compares with the discovery of a barnacle-encrusted underwater camera with its own secrets to share . . . and to keep. Meet unexpected underseas denizens and enter fascinating worlds within worlds in this entrancing celebration of imagination, creativity, and the impulse to share that which delights and amazes us.

Citizen Scientists HarperCollins

Miguel Guzman isn't exactly looking forward to the summer now that his mother has agreed to let the Sword family—a father, his three daughters, and their dog—live with them while they decide whether or not to move to Vermont. Little does Miguel know his aunt has something up her sleeve that just may make this the best summer ever. With her usual flair for creativity and fun, Tía Lola decides to start a summer camp for Miguel, his little sister, and the three Sword girls, complete with magical swords, nighttime treasure hunts, campfires, barbecues, and an end-of-summer surprise! The warm and funny third book in the Tía Lola Stories is sure to delight young readers and leave them

looking forward to their own summer fun! The Hive Detectives Running Press Kids Audisee® eBooks with Audio combine professional narration and text highlighting for an engaging read aloud experience! The inspiring true story of how one African woman began a movement to recycle the plastic bags that were polluting her community. Plastic bags are cheap and easy to use. But what happens when a bag breaks or is no longer needed? In Njau, Gambia, people simply dropped the bags and went on their way. One plastic bag became two. Then ten. Then a hundred. The bags accumulated in ugly heaps alongside roads. Water pooled in them, bringing mosquitoes and disease. Some bags were burned, leaving behind a terrible smell. Some were buried, but they strangled gardens. They killed livestock that tried to eat them. Something had to change. Isatou Ceesay was that change. She found a way to recycle the bags and transform her community. This inspirational true story shows how one person's actions really can make a difference in our world.

Sea Turtle Scientist Little Brown

The ocean gives up many prizes, just

setting them on our beaches for us to find. From rubber ducks that started out somewhere in Indonesia to land Venice Beach, to an intact refrigerator makes its way to the Jersey Shore. Chunks of beeswax found on the Oregon coast are the packing remnants of 18th century Spanish gold. Author Skye Moody walks the coast, dons her wet suit, and heads out to sea to understand the excellent debris that accrues along the tideline. There she finds advanced military technology applied to locating buried Rolexes, hardcore competitive beachcombing conventions, and isolated beach communities whose residents are like flotsam congregated at the slightest obstacle on the coastline. This book confirms that the world is a mysterious place and that treasure is out there to be found.

Queer Ducks (and Other Animals)

Bloomsbury Publishing USA

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
The Mysterious Universe Millbrook Press™
 What happens in the ocean after dark? Use the magic flashlights on every page to reveal the hidden creatures in the ocean's depths! Each spread appears to be dark, but point the flashlight and watch brilliant aquatic life illustrations magically illuminate. Readers of all ages will be amazed by this innovative paper technology—no batteries necessary! Every spread features a different underwater animal, but it's the reader's job to locate the hidden creatures. Perfect for curious older readers, each page has a “Did you

Know . . . ?” section filled with amazing facts about ocean creatures and their habits.

Girl Called Vincent Cavendish Square Publishing, LLC

Recounts the 1820 sinking of the *Essex* by an enraged sperm whale and the survivors' ordeal - including cannibalism. Incorporates a fourteen-year-old cabin boy's account of this marine disaster, which inspired the climactic scenes of *Moby Dick*.

Moonlight Ocean Houghton Mifflin Harcourt

This compelling addition to the award-winning *Scientists in the Field* series explores the leatherback sea turtle's remarkable natural history and recounts the extraordinary efforts being made by scientists trying to save them. 15,000 first printing.

The Great White Shark Scientist Chronicle Books

Are the “culture wars” over? When did they begin? What is their relationship to gender struggle and the dynamics of class? In her first full treatment of postcolonial studies, a field that she helped define, Gayatri Chakravorty Spivak,

one of the world's foremost literary theorists, poses these questions from within the postcolonial enclave.

One Plastic Bag Penguin

In this informative book on recycling for children, you will find everything you need to know about our environment. The good, the bad, and the incredibly innovative. From pollution and litter to renewable energy and plastic recycling. This educational book will teach young budding ecologists about how our actions affect planet Earth and the big impact we can make by the little things we do. Did you know that every single plastic toothbrush ever made still exists? Or that there is a floating mass of rubbish larger than the USA drifting around the Pacific Ocean? It is not all bad news though. While this is a knowledge book that explains where we are going wrong, *What a Waste* also shows what we are getting right! Discover plans to save our seas. How countries are implementing green projects worldwide, and how to turn waste into something useful. The tiniest everyday changes can make all the difference to ensure our beautiful planet stays lush and teeming with life. It is a lively kid's educational

book with fabulous illustrations and fun facts about the world broken into easy to digest bite-sized bits. Each page can be looked at in short bursts or longer reads for more detail, making it a great children's book for a range of age groups. Get Involved - Make A Difference! Almost everything we do creates waste, from litter and leftovers to factory gases and old gadgets. Find out where it goes, how it affects our planet and what we can do to reduce the problem. From how to make your home more energy and water efficient, to which items can be recycled and tips for grocery shopping, this book is packed full of ideas on how you can get involved to make our planet a better place to live. This environment book for children has a wealth of ideas for becoming a planet-defending hero: - Discover shocking facts about the waste we produce and where it goes - Learn where about our Earth's limited resources and how to take some pressure off - Your trash is another man's treasure - Small changes to take your home from wasteful to super resource efficient - Dive into saving our

oceans and super recycling - And much, much more What a Waste is one of several nature books for kids written by Jess French, a passionate conservationist and veterinarian committed to protecting the beautiful world we live in.

The New Ocean: The Fate of Life in a Changing Sea Dorling Kindersley Ltd

Some farms grow vegetables or grains, and some raise cows, sheep, chickens, or pigs. But have you ever heard of a butterfly farm? How do you raise a butterfly? On a farm in Costa Rica, workers care for these delicate, winged creatures as they change from eggs to caterpillars to pupae. Like any other crop, the butterflies will eventually leave the farm. But where will they go? And just how do you ship a butterfly? Very carefully! To discover how it works, follow these butterflies on a remarkable journey!

Stronger Than Steel Lerner Digital™

A brilliant, unforgettable novel from bestselling author Ruth Ozeki, author of The Book of Form and Emptiness Finalist for the Booker Prize and the National Book Critics Circle Award "A time being is someone who lives in time, and that

means you, and me, and every one of us who is, or was, or ever will be." In Tokyo, sixteen-year-old Nao has decided there's only one escape from her aching loneliness and her classmates' bullying. But before she ends it all, Nao first plans to document the life of her great grandmother, a Buddhist nun who's lived more than a century. A diary is Nao's only solace—and will touch lives in ways she can scarcely imagine. Across the Pacific, we meet Ruth, a novelist living on a remote island who discovers a collection of artifacts washed ashore in a Hello Kitty lunchbox—possibly debris from the devastating 2011 tsunami. As the mystery of its contents unfolds, Ruth is pulled into the past, into Nao's drama and her unknown fate, and forward into her own future. Full of Ozeki's signature humor and deeply engaged with the relationship between writer and reader, past and present, fact and fiction, quantum physics, history, and myth, A Tale for the Time Being is a brilliantly inventive, beguiling story of our shared humanity and the search for home.