How To Fossilize Your Hamster And Other Amazing Ex

HOBBS KENDRICK

Macroscope John Wiley & Sons
This award-winning, worldwide bestseller is an authoritative social, cultural and narrative history of the French Revolution.
Why Are Orangutans Orange? McFarland
How can you measure the speed of light with chocolate and a microwave? Why do yo-yos yo-yo? Why does urine smell so peculiar after eating asparagus (includes helpful recipe)? How long does it take to digest different types of food? What is going on when you drop mentos in to cola? 100 wonderful, intriguing and entertaining scientific experiments which show scientific principles first hand - this is science at its most popular.
How to Fossilise Your Hamster Nicholas Brealey
Americans agree that our students urgently need better science education. But what should they be expected to know and be able to do? Can the same expectations be applied across our diverse society? These and other fundamental issues are addressed in National Science Education Standardsâ€"a landmark development effort that reflects the contributions of thousands of teachers, scientists, science educators, and other experts across the country. The National Science Education Standards offer a coherent vision of what it means to be scientifically literate, describing what all students regardless of background or circumstance should understand and be able to do at different grade levels in various science categories. The standards address: The exemplary practice of science teaching that provides students with experiences that enable them to achieve scientific literacy. Criteria for assessing and analyzing students' attainments in science and the learning opportunities that school science programs afford. The nature and design of the school and district science program. The support and resources needed for students to learn science. These standards reflect the principles that learning science is an inquiry-based process, that science in schools should reflect the intellectual traditions of contemporary science, and that all Americans have a role in improving science education. This document will be invaluable to education policymakers, school system administrators, teacher educators, individual teachers, and concerned parents.
Eureka! Simon and Schuster
An ebook from Hachette UK. Full description to follow.
Survival of the Friendliest Open Road Media
How are specially trained poop-sniffing dogs being used to help wild animals facing extinction? What can we learn about life in prehistoric times by examining fossilized dinosaur droppings? And how are poop detectives using DNA technology to help keep the streets clean? Got a dung dilemma or a poop mystery to solve? It’s time to call in the poop detectives! This new Science Slam! title will engross readers—and gross them out! Filled with information perfectly suited to the abilities and interests of an early elementary audience, this colorful, fact-filled book gives readers a chance not

only to learn, but also to develop their powers of observation and critical thinking. With fascinating photographs and surprising, high-interest facts about a material that we don’t usually read about, the book makes learning about excrement poop-sitively amazing!

How to Fossilise Your Hamster Bearport Publishing

"For most of the approximately 200,000 years that our species has existed, we shared the planet with at least four other types of humans. They were smart, they were strong, and they were inventive. Neanderthals even had the capacity for spoken language. But, one by one, our hominid relatives went extinct. Why did we thrive? In delightfully conversational prose and based on years of his own original research, Brian Hare, professor in the department of evolutionary anthropology and the Center for Cognitive Neuroscience at Duke University, and his wife Vanessa Woods, a research scientist and award-winning journalist, offer a powerful, elegant new theory called "self-domestication" which suggests that we have succeeded not because we were the smartest or strongest but because we are the friendliest. This explanation flies in the face of conventional wisdom. Since Charles Darwin wrote about "evolutionary fitness," scientists have confused fitness with strength, tactical brilliance, and aggression. But what helped us innovate where other primates did not is our knack for coordinating with and listening to others. We can find common cause and identity with both neighbors and strangers if we see them as "one of us." This ability makes us geniuses at cooperation and innovation and is responsible for all the glories of culture and technology in human history. But this gift for friendliness comes at cost. If we perceive that someone is not "one of us," we are capable of unplugging them from our mental network. Where there would have been empathy and compassion, there is nothing, making us both the most tolerant and the most merciless species on the planet. To counteract the rise of tribalism in all aspects of modern life, Hare and Woods argue, we need to expand our empathy and friendliness to include people who aren't obviously like ourselves. need to expand our empathy and friendliness to include people who aren't obviously like ourselves. Brian Hare's groundbreaking research was developed in close collaboration with Richard Wrangham and Michael Tomasello, giants in the field of cognitive evolution. Survival of the Friendliest explains both our evolutionary success and our potential for cruelty in one stroke and sheds new light onto everything from genocide and structural inequality to art and innovation"--

The Best of Instructables Little, Brown

We all want to be happier, more successful and less stressed, but what really works? From improving creativity to building confidence, self-care to self-esteem, forming better habits and feeling happier,Fix Your Life debunks the fads and explores the real science of self-help. Can you learn to make better decisions? Or break bad habits and form new ones? What should you eat to feel happier? How do you learn a skill faster? Does mindfulness really work? Dispelling mental health myths and self-help fads, here is the truth about meditation, making smarter choices, addiction, CBT, Tai Chi, success, diet, healthy relationships, anxiety, antidepressants, intelligence, willpower and much more. Full of the latest research and ground-breaking evidence, packed with useful advice, this book really could fix your life.

Why Are Orangutans Orange? Simon and Schuster

Combining the latest scientific advances with storytelling skills unmatched in the cosmos, an award-winning astrophysicist and popular writer leads us on a tour of some of the greatest mysteries of our universe. In the constellation of Eridanus, there lurks a cosmic mystery: It’s as if something has taken a huge bite out of the universe. But what is the culprit? The hole in the universe is just one of many puzzles keeping cosmologists busy. Supermassive black holes, bubbles of nothingness gobbling up space, monster universes swallowing others—these and many other bizarre ideas are being pursued by scientists. Due to breathtaking progress in astronomy, the history of our universe is now better understood than the history of our own planet. But these advances have uncovered some startling riddles. In this electrifying new book, renowned cosmologist and author Paul Davies lucidly explains what we know about the cosmos and its enigmas, exploring the tantalizing—and sometimes terrifying—possibilities that lie before us. As Davies guides us through the audacious research offering mind-bending solutions to these and other mysteries, he leads us up to the greatest outstanding conundrum of all: Why does the universe even exist in the first place? And how did a system of mindless, purposeless particles manage to bring forth conscious, thinking beings? Filled with wit and wonder, What’s Eating the Universe? is a dazzling tour of cosmic questions, sure to entertain, enchant, and inspire us all.

Science News Holt Paperbacks

Why Don't Penguins' Feet Freeze? is the latest compilation of readers' answers to the questions in the 'Last Word' column of New Scientist, the world's best-selling science weekly. Following the phenomenal success of Does Anything Eat Wasps? - the Christmas 2005 surprise bestseller - this new collection includes recent answers never before published in book form, and also old favourites from the column's early days. Yet again, many seemingly simple questions turn out to have complex answers. And some that seem difficult have a very simple explanation. New Scientist's 'Last Word' is regularly voted the magazine's most popular section as it celebrates all questions - the trivial, idiosyncratic, baffling and strange. This new selection of the best is popular science at its most entertaining and enlightening.

Does Anything Eat Wasps? Hachette UK

Outrageously entertaining and educational experiments from the team behind the phenomenal international bestseller Does Anything Eat Wasps? How can you measure the speed of light with a bar of chocolate and a microwave oven? To keep a banana from decaying, are you better off rubbing it with lemon juice or refrigerating it? How can you figure out how much your head weighs? Mick O'Hare, who created the New Scientist's popular science sensations Does Anything Eat Wasps? and Why Don't Penguins' Feet Freeze?, has the answers. In this fascinating and irresistible new book, O'Hare and the New Scientist team guide you through one hundred intriguing experiments that show essential scientific principles (and human curiosity) in action. Explaining everything from the unusual chemical reaction between Mentos and cola that provokes a geyser to the geological conditions necessary to preserve a family pet for eternity, How to Fossilize Your Hamster is fun, hands-on science that everyone will want to try at home. "...provides such entertaining tidbits and empirical knowledge, alongside hours of activities, in this volume of science experiments for adults." - Publishers Weekly

Citizens Mundania Press

Fun science and nature trivia with full-color photos in a “deeply fascinating and occasionally rib-tickling book” (Booklist). From the editor at New Scientist who brought us such works as How to Fossilize Your Hamster, this is an illustrated compendium of facts that reveal the beauty, complexity, and mystery of the world around us. Drawing on the magazine’s popular “Last Word” column, Why Are Orangutans Orange? covers everything from bubbles to bugs, as well as why tigers have stripes and blue-footed boobies have, well, blue feet. With over two million copies sold, this series of question-and-answer compendiums is a delight for anyone who loves to learn!

Shark Tooth Tale (Ready, Freddy! #9) Tuttle Publishing

An Amazon Best Nonfiction Book of the Month Indiebound Bestseller Award-winning science writer Helen Thomson unlocks the biggest mysteries of the human brain by examining nine extraordinary cases Our brains are far stranger than we think. We take it for granted that we can remember, feel emotion, navigate, empathise and understand the world around us, but how would our lives change if these abilities were dramatically enhanced – or disappeared overnight? Helen Thomson has spent years travelling the world, tracking down incredibly rare brain disorders. In Unthinkable she tells the stories of nine extraordinary people she encountered along the way. From the man who thinks he's a tiger to the doctor who feels the pain of others just by looking at them to a woman who hears music that’s not there, their experiences illustrate how the brain can shape our lives in unexpected and, in some cases, brilliant and alarming ways. Story by remarkable story, Unthinkable takes us on an unforgettable journey through the human brain. Discover how to forge memories that never disappear, how to grow an alien limb and how to make better decisions. Learn how to hallucinate and how to make yourself happier in a split second. Find out how to avoid getting lost, how to see more of your reality, even how exactly you can confirm you are alive. Think the unthinkable.

The Science of Intimate Relationships Penguin Canada

How fat do you have to be to become bulletproof? Why do people have eyebrows? Why do pineapples have spines? How much does a head weigh? What affects the color of earwax? How quickly could I turn into a fossil? Have you ever thought up a question so completely off-the-wall, so seemingly ridiculous, that you couldn't even find the courage to ask it? Maybe at the sports bar you were transported by the beauty of your beer to wonder, "How long could I live on beer alone?" Or, cycling through the park, you mused, "Did nature invent any wheels?" Or looking up at the night sky, you had a moment of angst, "What would happen if the moon suddenly disappeared -- if it were vaporized or stolen by aliens?" Full of fun factlets, Does Anything Eat Wasps? is a runaway bestseller around the world. It celebrates the weird and wacky questions -- some trivial, some baffling, all unique -- and their multiple answers culled from "The Last Word," a long-running column in the internationally popular science magazine, New Scientist. Tackling the imponderables of everyday life, sparkling with humor, and bursting with delightful erudition, Does Anything Eat Wasps? is irresistibly entertaining and utterly engrossing. So, go on. Put away your lab coat and your pencil -- science is fun again.

Mustn't Grumble Macmillan

The New York Times bestseller that makes scientific subjects both understandable and fun: “Every sentence sparkles with wit and charm.” —Richard Dawkins From the Pulitzer Prize–winning New York Times science journalist and bestselling author of Woman, this is a playful, passionate guide to the science all around us (and inside us)—from physics to chemistry, biology, geology, astronomy, and more. Drawing on conversations with hundreds of the world’s top scientists, Natalie Angier creates a thoroughly entertaining guide to scientific literacy. For those who want a fuller understanding of some of the great issues of our time, The Canon offers insights on stem cells, bird flu, evolution, and global warming. For students—or parents whose kids ask a lot of questions about how the world works—it brings to life such topics as how the earth was formed, or what electricity is. Also included are clear, fascinating explanations of how to think scientifically and grasp the tricky subject of probability. The Canon is a joyride through the major scientific disciplines that reignites our childhood delight and sense of wonder—and along the way, tells us what is actually happening when our ice cream melts or our coffee gets cold, what our liver cells do when we eat a caramel, why the horse is an example of evolution at work, and how we’re all really made of stardust.

This Book Could Fix Your Life National Academies Press

From world-renowned scientist Jane Goodall, as seen in the new National Geographic documentary Jane, comes a poignant memoir about her spiritual epiphany and an appeal for why everyone can find a reason for hope. Dr. Jane Goodall's revolutionary study of chimpanzees in Tanzania's Gombe preserve forever altered the very, definition of humanity. Now, in a poignant and insightful memoir, Jane Goodall explores her extraordinary life and personal spiritual odyssey, with observations as profound as the knowledge she has brought back from the forest.

Why Don't Penguins' Feet Freeze? "O'Reilly Media, Inc."

This user–friendly book is aimed at helping students of Mandarin Chinese learn and remember Chinese characters. At last—there is a truly effective and enjoyable way to learn Chinese characters! This book helps students to learn and remember both the meanings and the pronunciations of over 800 characters. This otherwise daunting task is made easier by the use of techniques based on the psychology of learning and memory. key principles include the use of visual imagery, the visualization of short "stories," and the systematic building up of more complicated characters from basic building blocks. Although Learning Chinese Characters is primarily a book for serious learners of Mandarin Chinese, it can be used by anyone with an interest in Chinese characters, without any prior knowledge of Chinese. It can be used alongside (or after, or even before) a course in the Chinese language. All characters are simplified (as in mainland China) but traditional characters are also given, when available. Key features: Specially designed pictures and stories are used in a structured way to make the learning process more enjoyable and effective, reducing the need for rote learning to the absolute minimum. The emphasis throughout is on learning and remembering the meanings and pronunciations of the characters. Tips are also included on learning techniques and how to avoid common problems. Characters are introduced in a logical sequence, which also gives priority to learning the most common characters first. Modern simplified characters are used, with pronunciations given in pinyin. Key information is given for each character, including radical, stroke–count, traditional form, compounds, and guidance on writing the character. This is a practical guide with a clear, concise and appealing layout, and it is well–indexed with easy look–up methods. The 800 Chinese characters and 1,033 compounds specified for the original HSK Level A proficiency test are covered.

How to Fossilise Your Hamster Grand Central Publishing

Bizarre illnesses and plagues that kill people in the most unspeakable ways. Obsessive and inspired efforts by scientists to solve mysteries and save lives. From The Hot Zone to The Demon in the Freezer and beyond, Richard Preston’s bestselling works have mesmerized readers everywhere by

showing them strange worlds of nature they never dreamed of. Panic in Level 4 is a grand tour through the eerie and unforgettable universe of Richard Preston, filled with incredible characters and mysteries that refuse to leave one's mind. Here are dramatic true stories from this acclaimed and award-winning author, including: • The phenomenon of "self-cannibals," who suffer from a rare genetic condition caused by one wrong letter in their DNA that forces them to compulsively chew their own flesh–and why everyone may have a touch of this disease. • The search for the unknown host of Ebola virus, an organism hidden somewhere in African rain forests, where the disease finds its way into the human species, causing outbreaks of unparalleled horror. • The brilliant Russian brothers–"one mathematician divided between two bodies"–who built a supercomputer in their apartment from mail-order parts in an attempt to find hidden order in the number pi (π). In fascinating, intimate, and exhilarating detail, Richard Preston portrays the frightening forces and constructive discoveries that are currently roiling and reordering our world, once again proving himself a master of the nonfiction narrative and, as noted in The Washington Post, "a science writer with an uncommon gift for turning complex biology into riveting page-turners."

New Scientist Penguin Canada

Throughout history, man has been searching for better ways to gather information about his universe. But although they may have longed for it, not even the most brilliant minds could conceive of a device as infinitely powerful or as immeasurably precise as the Macroscope, until the twenty-first century. This is a story of mans desperate search for a compromise between his mind and his heart, between knowledge and humanity.

Panic in Level 4 Hodder & Stoughton

How can you measure the speed of light with chocolate and a microwave? Why does urine smell so peculiar after eating asparagus? How long does it take to digest various types of food? What is going on when you drop Mentos into cola? Here are 100 intriguing and entertaining experiments that show scientific principles first hand—this is science at its most popular.

The Canon HMH

With four books out and terrific Book Club sales success, Ready, Freddy! is an enormously popular school series by an elementary school teacher who has seen it all.Get to know Freddy Thresher, the first grade shark expert with an uncanny knack for mischief. Join Freddy in this adventure as he schemes and scrimps, trying to earn enough money to buy an awesome fossilized shark tooth. Packed with humor, illustrations, and even factual information about sharks, the Ready, Freddy! series is perfect for the chapter book reader.