Beep Beep Robot A Spinning Gears Book

Many thinkers believe that the next transformational change in human organization will be the onset of human-level artificial intelligence (the 'singularity'), and that the most likely method of achieving this will come through brain emulations or "ems": the ability to scan human brains and program their connections into ever faster computers. Taking this as his starting point, Hanson describes what a world dominated by these ems will be like.

"A one-of-a-kind interactive, fun book with durable novelty elements including flaps, levers, and gears that will help kids fall asleep with the promise of sweet, tailor-made dreams."--

In Learn Robotics with Raspberry Pi, you'll learn how to build and code your own robot projects with just the Raspberry Pi microcomputer and a few easy-to-get components - no prior experience necessary! Learn Robotics with Raspberry Pi will take you from inexperienced maker to robot builder. You'll start off building a two-wheeled robot powered by a Raspberry Pi minicomputer and then program it using Python, the world's most popular programming language. Gradually, you'll improve your robot by adding increasingly advanced functionality until it can follow lines, avoid obstacles, and even recognize objects of a certain size and color using computer vision. Learn how to: - Control your robot remotely using only a Wii remote - Teach your robot to use sensors to avoid obstacles - Program your robot to follow a line autonomously - Customize your robot with LEDs and speakers to make it light up and play sounds - See what your robot sees with a Pi Camera As you work through the book, you'll learn fundamental electronics skills like how to wire up parts, use resistors and regulators, and determine how much power your robot needs. By the end, you'll have learned the basics of coding in Python and know enough about working with hardware like LEDs, motors, and sensors to expand your creations beyond simple robots.

Learn the incredible battle secrets of amazing LEGO mechs and compare your favourites. From Lloyd's Titan Mech to Spiderman's Spider Mech, discover all the most fearsome LEGO mechs and what gives them the edge in battle. Find out how many mechs Batman has, and read about all the battle features of LEGO Jurassic World's Dino-Mech. See awesome mechs go head-to-head, plus read how you can up-spec your mech. With amazing photography that shows off each mech in stunning detail, plus fact-packed data boxes so you can compare each mech, this book is perfect for any fan of LEGO mechs. ©2021 The LEGO Group.

An alphabet book all about geekdom. On board pages. Suggested level: junior.

Owen Bishop introduces, through hands-on project work, the mechanics, electronics and programming involved in practical robot design-and-build. The use of the PIC microcontroller throughout provides a painless introduction to programming whilst harnessing the power of a highly popular microcontroller used by students and design engineers worldwide. This is a book for first-time robot builders, advanced builders wanting to know more about programming robots and students in Further and Higher Education tackling microcontroller-based practical work. They will all find this book a unique and exciting source of projects, ideas and techniques, to be combined into a wide range of fascinating robots. · Full step-by-step instructions for 5 complete self-build robots · Introduces key techniques in electronics, programming and construction - for robust robots that work first time · Illustrations, close-up photographs and a lively, readable text make this a fun and informative guide for novice and experienced robot builders

Want to develop novel robot applications, but don't know how to write a mapping or object-recognition system? You're not alone, but you're certainly not without help. By combining real-world examples with valuable knowledge from the Robot Operating System (ROS) community, this practical book provides a set of motivating recipes for solving specific robotics use cases. Ideal for enthusiasts, from students in robotics clubs to professional robotics scientists and engineers, each recipe describes a complete solution using ROS open source libraries and tools. You'll learn how to complete tasks described in the recipes, as well as how to configure and recombine components for other tasks. If you're familiar with Python, you're ready to go. Learn fundamentals, including key ROS concepts, tools, and patterns Program robots that perform an increasingly complex set of behaviors, using the powerful packages in ROS See how to easily add perception and navigation abilities to your robots Integrate your own sensors, actuators, software libraries, and even a whole robot into the ROS ecosystem Learn tips and tricks for using ROS tools and community resources, debugging robot behavior, and using C++ in ROS

Beep Beep Robot!A Spinning Gears BookCartwheel Books

A wordless board book that follows the journey of one red button as it falls off a jacket and transforms into a doorknob and many other things along the way.

A little girl prepares to make her grandmother's favorite meal in Matt Stine's and Elisabeth Weinberg's Little Chef, an energetic picture book illustrated by Paige Kaiser... "Making excellent use of white space, Keiser employs what looks like watercolor and pen and ink to portray Lizzie in perpetual motion as she demonstrates her culinary prowess. With amazing curly hair that sometimes appears almost as big as she is, Lizzie could be a biracial child given her dad's brown skin and her mom's lighter complexion. The recipe in the backmatter will inspire young readers to follow Lizzie's fearless lead."--Kirkus, starred review

Nonfiction picture book explains how giant sequoias grow, shares general characteristics and trivia about the trees, and discusses their conservation.

Teach your robot new tricks! With this projects-based approach you can program your Mindstorms NXT robot to solve a maze, build a house, run an obstacle course, and many other activities. Along the way you will learn the basics of programming structures and techniques using NXT-G and Microsoft VPL. For hobbyists, and students working on robot projects, Bishop provides the background and tools to program your robot for tasks that go beyond the simple routines provided with the robot kit. The programs range in complexity from simple contact avoidance and path following, to

programs generating some degree of artificial intelligence * a how-to guide for programming your robot, using NXT-G and Microsoft VPL * ten robot-specific projects show how to extend your robot's capabilities beyond the manufacturer's provided software. Examples of projects include: Maze solver, Robot House Builder, Search (obstacle avoidance), Song and Dance Act * flowcharts and data flow diagrams are used to illustrate how to develop programs * introduces basic programming structures

Special edition slipcase edition of John Green's Paper Towns, with pop-up paper town. From the bestselling author of The Fault in our Stars. Quentin Jacobsen has always loved Margo Roth Spiegelman, for Margo (and her adventures) are the stuff of legend at their high school. So when she one day climbs through his window and summons him on an all-night road trip of revenge he cannot help but follow. But the next day Margo doesn't come to school and a week later she is still missing. Q soon learns that there are clues in her disappearance . . . and they are for him. But as he gets deeper into the mystery - culminating in another awesome road trip across America - he becomes less sure of who and what he is looking for. Masterfully written by John Green, this is a thoughtful, insightful and hilarious coming-of-age story.

Hey! I'm FREDDY. And I'm a super-powered ROBOT! There's a new kid at school. She's called AOIFE and she's SUPER annoying. The worst thing is... she thinks HUMANS are better than ROBOTS! There's only one way to prove her WRONG. A CONTEST! Which I'm definitely going to WIN...

What if Darth Vader took an active role in raising his son? What if "Luke, I am your father" was just a stern admonishment from an annoyed dad? In this hilarious and sweet comic reimagining, Darth Vader is a dad like any other—except with all the baggage of being the Dark Lord of the Sith. Celebrated artist Jeffrey Brown's delightful illustrations give classic Star Wars® moments a fresh twist, presenting the trials and joys of parenting through the lens of a galaxy far, far away. Life lessons include lightsaber batting practice, using the Force to raid the cookie jar, Take Your Child to Work Day on the Death Star ("Er, he looks just like you, Lord Vader!"), and the special bond shared between any father and son. Plus, this is the fixed-format version, which looks almost identical to the print edition.

Trevor is a lonely yellow canary looking for a friend. He stretches his wings the width of his boring cage and notices the tree outside stretching its branch. And on the end of that branch? Another canary! But he's so shy and quiet. Trevor knows just how to make him feel comfortable. This is an elegantly told, truly unique tale by author Jim Averbeck and illustrator Amy Hevron, of a canary who befriends a lemon and finds that you don't have to be two of a kind to form a meaningful and lasting friendship.

The LEGO MINDSTORMS products are great fun for children and adults alike, and can be used in millions of different combinations to build interactive creatures. But the power of Dr. Frankenstein can be very confusing, and figuring out which of those 700 pieces goes where is a big challenge. LEGO MINDSTORMS For Dummies is the perfect answer, with insightful help that goes beyond the Constructopedia. Simple examples are used to convey complicated ideas, opening the door wide for readers to unleash their creativity and build magnificent monsters, cool creatures, or riveting robots!

Award-winning author Liz Garton Scanlon presents a young, rhythmic read-aloud about a girl who solves a windy problem with an environmentally sound solution: planting trees. A wild wind blows on the tippy-top of a steep hill, turning everything upside down for the man who lives there. Luckily, Kate comes up with a plan to tame the wind. With an old wheelbarrow full of young trees, she journeys up the steep hill to add a little green to the man's life, and to protect the house from the howling wind. From award-winning author Liz Garton Scanlon and whimsical illustrator Lee White comes a delightfully simple, lyrical story about the important role trees play in our lives, and caring for the world in which we live. Praise for Bob, Not Bob by Liz Garton Scanlon: "This is read-aloud gold!" --Publishers Weekly, Starred Praise for All the World by Liz Garton Scanlon: "A sumptuous and openhearted poem . . . (that) expresses the philosophy early readers most need to hear: there's humanity everywhere." --The New York Times

This lyrical beginning-reader by multi award-winning artist Bryan Collier turns the closet on its heel and redefines what it means to be a pair. Beautifully rendered art paired with rich, rhyming dialog creates a powerful reading experience.

CODING FOR KIDS . . . Because it's never too early to start developing! Coding and web-design skills are becoming more and more important in our technological world. These concept books will familiarize young ones with the kind of shapes and colors that make up web-based programming language and give them the head start they need. ABC, 1 2 3 . . . HTML! Just as kids learn the alphabet or numbers, it's important for them to learn HTML. This colorful introduction teaches the rudiments of this language--including markup code and letter forms--and helps prepare them for our digital age.

Before her journey to the world of Darksmith Manor, Sunshine Saliente had plenty of adventures with her stuffed rabbit, Bunny. Lost Tomorrow brings our dear little heiress of madness to a post-apocalyptic wonderland where the few survivors will do anything to make sure she has the best time of her life, whether she wants to or not. This middle-grade illustrated novel takes place a little while before Fear & Sunshine: Book One of the Darksmith Family Legacy and while you can read it on its own, it will definitely drive you mad wondering just how deep the rabbit hole goes.

Animals of various size reveal themselves one by one, but at the end it is revealed that even the biggest surprises can come in the smallest package.

Spin BEEP BEEP Robot's colorful gears and learn all about how gears connect and help machines move in this innovative novelty book with adorable rhyming text. With seven spinning wheels that connect to and spin one another, this unique book acts as a young child's interactive entree into the world of engineering while still being a fun, young read aloud. BEEP BEEP Robot! Off we go! Gears move fast and gears move slow. Turn my gear to start the show. How does purple make green go? Gears have teeth that fit in grooves. Watch me spin. Check out my moves! Turn my gear to start the show. How does yellow make green go?

When the moon rises high and the stars twinkle, it is bedtime for the baby animals of the Indian forest. But tonight, when

the skies turn dark and the night grows stormy, the little ones can't sleep. SWISH-SWISH! CRACK-TRACK! FLASH-SNAP! goes the storm. Only Mama Elephant with her words of wisdom can reassure them, "You're safe with me."

Set in the fictional New York City, "North city" is fraught with gang activity, gang violence, and violence in general! We follow the gang leader of the infamous gang North city eastmen "Leader" who's goal is to one day own all of North city in the name of his gang; this proves difficult when the North city eastmen have been away for nearly two years and everyone has all but forgotten their impact on the community; who everyone haven't forgotten however, is Dragon, the biggest crime boss in all of North city today who rules with a cruel iron fist, after meeting Leader his patience quickly wears thin making the gang lay low until they can strike once again, with more money and power.

"Masterful artwork and nuanced verse invite readers to hold their breath and dive deep." Kirkus, STARRED REVIEW Sophia bravely dives down to discover the secrets under the sea. She encounters beautiful fish and floating forests. Farther down, the dark water is full of tentacles and treasures. Deep underwater, she is never alone. Do you dare dive down after her? The ocean is full of endless possibilities in this dreamy, imagistic story from acclaimed author/illustrator Irene Luxbacher. Her otherworldly paintings show colorful fish, rippling seawater and the secrets to be found at the bottom of the ocean. Sophia's journey will linger with readers long after the return to shore. Correlates to the Common Core State Standards in English Language Arts: CCSS.ELA-LITERACY.RL.K.7 With prompting and support, describe the relationship between illustrations and the story in which they appear (e.g., what moment in a story an illustration depicts). CCSS.ELA-LITERACY.RL.1.6 Identify who is telling the story at various points in a text. CCSS.ELA-LITERACY.RL.2.4 Describe how words and phrases (e.g., regular beats, alliteration, rhymes, repeated lines) supply rhythm and meaning in a story, poem, or song.

The storybook adventure of two friends as they discover the wonders of calculus.

A stunning debut picture book that encourages kids to look beyond first impressions by sharing unexpected details about seemingly scary wild animals like gorillas, rhinoceroses, and more. This nonfiction picture book is an excellent choice to share during homeschooling, in particular for children ages 4 to 6. It's a fun way to learn to read and as a supplement for activity books for children. Spiders are creepy. Porcupines are scary. Bats are ugly. Or are they...? This captivating book invites you to learn more about awe-inspiring animals in the wild. After all, it's best not to judge a beast until you understand its full, lovely life. Includes backmatter with additional reading suggestions.

A guide to the LEGO Mindstorms Robotics Invention System explains how to build and program mobile robots using LEGO blocks and third party software, and includes plans for hands-on robot projects

A New York Times bestselling bedtime story with a math twist from Danica McKellar (well-known for her roles on The Wonder Years and The West Wing, and acclaimed author of multiple popular math books)—which sneaks in secret counting concepts on each page to help make your child smarter! This deceptively simple bedtime book, the first in the McKellar Math line, gives your child the building blocks for math success. As children say goodnight to the objects all around them—three wheels on a tricycle, four legs on a cat—they will connect with the real numbers in their world while creating cuddly memories, night after night. Actress, math whiz, and New York Times bestselling author Danica McKellar uses her proven math success to show children that loving numbers is as easy as 1, 2, 3. "The joys of counting combine with pretty art and homage to Goodnight Moon." —Kirkus "McKellar brings her enthusiasm for mathematics to a younger crowd in this gentle and well-executed counting book." —Publishers Weekly "A similarly simple, quiet feel as Margaret Wise Brown's iconic Goodnight Moon...there is a lot to count on." –Booklist "A winner for bedtimes or storytimes focusing on counting." —School Library Journal

Little ones will learn about six different construction trucks in this fun, rhyming read-aloud book with two spinning wheels! Batchelder Honor Book recipient, Sonja Danowski, takes us on a journey into a beautiful, mysterious world where cooperation and generosity save the day and friendships make it wonderful. The Smon Smon hangs its last ron ron next to its won won on a lon lon and floats away in a ton ton. But when the Smon Smon falls into a zon zon . . . what happens next is what makes any world worth being in. A finely woven story.

This latest entry in the bestselling series invites young readers on a trip to the farm! From a cow to a rooster to the surprise ending, the lively text and colorful pictures help children predict what is peeking through die-cut windows. Read the clue . . . guess the rhyme . . . giggle wildly . . . and repeat!

Introduces robots, in a text that has movable cardboard bolts and gears designed to show how robots work.

A time-honored bedtime ritual gets a new twist in this rollicking mash-up of counting sheep and nursery rhyme characters. One night, a boy counts sheep as he tries to fall asleep.99. 100. 101....Crash! Sheep 101 is stuck in the fence. Will he ever get out and get the little boy to sleep? Meet Sheep 101 and his colorful cast of characters, like Humpty Dumpty, Blind Mouse, Little Piggy, and more! From Richard T. Morris, author of This Is a Moose, and beloved illustrator LeUyen Pham comes a hilarious story with vibrant illustrations full of late-night hijinks that will spark every child's imagination.

'Dazzling...Pinker's big idea is that language is an instinct...as innate to us as flying is to geese...Words can hardly do justice to the superlative range and liveliness of Pinker's investigations' - Independent 'A marvellously readable book...illuminates every facet of human language: its biological origin, its uniqueness to humanity, it acquisition by children, its grammatical structure, the production and perception of speech, the pathology of language disorders and the unstoppable evolution of languages and dialects' - Nature

Starred Review from The School Library Journal Parents & Teachers can use this book as conversation starter about race and the police. Introduce children to the natural world with this fresh, bold, and bright book! Discover the seasons, from bright spring blossoms to sparkling winter snow, and everything in between. Includes Notes to Parents and Teachers to encourage further exploration.

It's never too early to be standards compliant! Show your little ones how to display HTML elements properly with CSS (Cascading Style

Sheets) and familiarize them with the visual patterns and symbols that make up the essential building blocks of the Web. CSS for Babies is the second in a three-volume set, originally designed by a NYC Web Designer for his baby. This beautiful book is a fun and colorful introduction to the ABC's of the web.

Here are Paul Dirac and Enrico Fermi. They can do lots of things. You can do lots of things too! With seven hand-crafted physics activities, this Nerdy Baby art book will bring back warm memories of the classic "Pat the" series as well as those beloved little Golden books about Quantum Electrodynamics.

It takes a team of construction machines to build a city.

Copyright: c04ce37eeea0c481fd9e36dc96a594d9