

2017 Gigo Catalog By Gigotoys Issuu

"Go on an action-packed LEGO NINJAGO adventure filled with building tips and ideas to inspire your own LEGO models. Build an awesome transforming hover-bike with the bricks inside. Then, using your own LEGO bricks, let the ninja battles begin!"--Back of box.

How can curriculum integration of school science with the related disciplines of technology, engineering and mathematics (STEM) enhance students' skills and their ability to link what they learn in school with the world outside the classroom? Featuring actual case studies of teachers' attempts to integrate their curriculum, their reasons for doing so, how they did it, and their reflections on the outcomes, this book encourages science educators to consider the purposes and potential outcomes of this approach and raises important questions about the place of science in the school curriculum. It takes an honest approach to real issues that arise in curriculum integration in a range of education contexts at the elementary and middle school levels. The clear documentation and critical analysis of the contribution of science in curriculum integration—its implementation and its strengths and weaknesses—will assist teachers, science educators, and researchers to understand how this approach can work to engage students and improve their learning, as well as how it does not happen easily, and how various factors can facilitate or hinder successful integration.

This cardboard book is in the shape of a dump truck and has four plastic wheels.

As protecting information becomes a rapidly growing concern for today's businesses, certifications in IT security have become highly desirable, even as the number of certifications has grown. Now you can set yourself apart with the Certified Ethical Hacker (CEH v10) certification. The CEH v10 Certified Ethical Hacker Study Guide offers a comprehensive overview of the CEH certification requirements using concise and easy-to-follow instruction. Chapters are organized by exam objective, with a handy section that maps each objective to its corresponding chapter, so you can keep track of your progress. The text provides thorough coverage of all topics, along with challenging chapter review questions and Exam Essentials, a key feature that identifies critical study areas. Subjects include intrusion detection, DDoS attacks, buffer overflows, virus creation, and more. This study guide goes beyond test prep, providing practical hands-on exercises to reinforce vital skills and real-world scenarios that put what you've learned into the context of actual job roles. Gain a unique certification that allows you to understand the mind of a hacker Expand your career opportunities with an IT certificate that satisfies the Department of Defense's 8570 Directive for Information Assurance positions Fully updated for the 2018 CEH v10 exam, including the latest developments in IT security Access the Sybex online learning center, with chapter review questions, full-length practice exams, hundreds of electronic flashcards, and a glossary of key terms Thanks to its clear organization, all-inclusive coverage, and practical instruction, the CEH v10 Certified Ethical Hacker Study Guide is an excellent resource for anyone who needs to understand the hacking process or anyone who wants to demonstrate their skills as a Certified Ethical Hacker.

From the bestselling author of Charlie and the Chocolate Factory and The BFG! Mr. and Mrs. Twit are the smelliest, nastiest, ugliest people in the world. They hate everything—except playing mean jokes on each other, catching innocent birds to put in their Bird Pies, and making their caged monkeys, the Muggle-Wumps, stand on their heads all day. But the Muggle-Wumps have had enough. They don't just want out, they want revenge.

Reflecting the editor's extensive experience, recent developments, and insights from experts, this updated collection helps educators engage in action research to improve educational outcomes.

Photographs of imaginatively costumed youngsters present some of the sights that might be seen in a country garden, from a bee to a scarecrow with a crow on its shoulder

Guest Book for Baby Shower, Naming Day, Christening. Hardcover, matte finish. Interior page size: 8" x 8" (203mm x 203 mm). 80 white pages, space for 68 guest entries. Each page has 3 lined sections: Name & Relationship to Parents, Advice to Parents, Wishes for Baby. Plus a Gift Log at the back. Cute rabbit design cover.

These adorable hats for kids make great gifts. The easy to intermediate projects are made using worsted-weight yarn and include Clusters & Shells, Posts Stitch, and Ribbed Hat. Boys & girls alike will love wearing these when the weather turns cool.

Enjoy twice the fairies, twice the adventure, and twice the magic, just in time for the holidays. In a beautiful jacketed hardcover edition packed with illustrations, this special new Never Girls story by New York Times bestselling author Kiki Thorpe is the perfect gift for readers ages 6 to 9.

This book makes JavaScript less challenging to learn for newcomers, by offering a modern view that is as consistent as possible.

Highlights: Get started quickly, by initially focusing on modern features. Test-driven exercises and quizzes available for most chapters (sold separately). Covers all essential features of JavaScript, up to and including ES2019. Optional advanced sections let you dig deeper. No prior knowledge of JavaScript is required, but you should know how to program.

Rhyming text explains all the things robots do, from exploring other planets to milking cows.

Your Child's First Year at SchoolA Book for ParentsJavaScript for Impatient Programmers

When it comes to creating powerful and effective hacking tools, Python is the language of choice for most security analysts. But just how does the magic happen? In Black Hat Python, the latest from Justin Seitz (author of the best-selling Gray Hat Python), you'll explore the darker side of Python's capabilities—writing network sniffers, manipulating packets, infecting virtual machines, creating stealthy trojans, and more. You'll learn how to: –Create a trojan command-and-control using GitHub –Detect sandboxing and automate common malware tasks, like keylogging and screenshotting –Escalate Windows privileges with creative process control –Use offensive memory forensics tricks to retrieve password hashes and inject shellcode into a virtual machine –Extend the popular Burp Suite web-hacking tool –Abuse Windows COM automation to perform a man-in-the-browser attack –Exfiltrate data from a network most sneakily Insider techniques and creative challenges throughout show you how to extend the hacks and how to write your own exploits. When it comes to offensive security, your ability to create powerful tools on the fly is indispensable. Learn how in Black Hat Python. Uses Python 2

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Hangman Hangman is a classic word game that is played in a similar way to the popular TV show 'Wheel of Fortune.'

Instructions: This is a game for two players, a host and a guesser. The host chooses a word or short phrase and the guesser must guess it before the unfortunate character is 'hanged' We give you 24 letter spaces. The host should black out the unneeded spaces, leaving the correct number for their word. If they choose a phrase, they should also black out

the spaces between the words of the phrase. The guesser begins to guess letters. For example, they may ask "Is there an A in this word?" If that letter is in the word, the host writes in all the places it appears. If that letter does not appear, the host fills out a dotted line on the hangman diagram. At any point, the guesser may guess the word. If they are incorrect, another line is filled out on the hangman. If the hangman is completed (which takes six missed guesses), the guesser has lost. If the guesser guesses the word correctly before the hangman is completed, they win. Variation - if you're playing with children who might need more guesses, they can also draw a sad face on the hangman. A great way to niche hangman is by adding themed word lists at the back of the book for the host to choose from. For example, animal words, technical jargon or words in a different language. Hangman is a popular game to play in school because it helps kids to practice spelling. Be aware that some people do not enjoy the visual imagery of Hangman. If you enjoy creating your own interiors, you can make other simple diagrams such as snowmen, fruit trees or cars.

A new and expanded edition of one of the decade's most influential education books. In this practical guide, Sylvia Martinez and Gary Stager provide K-12 educators with the how, why, and cool stuff that supports making in the classroom, library, makerspace, or anywhere learners learn.

Correcting many contemporary errors and misconceptions about Christian living, Merrill Unger traces the doctrine of the Holy Spirit through the New Testament, pointing out that true maturity is achieved only in day-to-day obedience, fellowship, Bible study, and prayer.

Teaching Science in Elementary and Middle School offers in-depth information about the fundamental features of project-based science and strategies for implementing the approach. In project-based science classrooms students investigate, use technology, develop artifacts, collaborate, and make products to show what they have learned. Paralleling what scientists do, project-based science represents the essence of inquiry and the nature of science. Because project-based science is a method aligned with what is known about how to help all children learn science, it not only helps students learn science more thoroughly and deeply, it also helps them experience the joy of doing science. Project-based science embodies the principles in A Framework for K-12 Science Education and the Next Generation Science Standards.

Blending principles of learning and motivation with practical teaching ideas, this text shows how project-based learning is related to ideas in the Framework and provides concrete strategies for meeting its goals. Features include long-term, interdisciplinary, student-centered lessons; scenarios; learning activities, and "Connecting to Framework for K-12 Science Education" textboxes. More concise than previous editions, the Fourth Edition offers a wealth of supplementary material on a new Companion Website, including many videos showing a teacher and class in a project environment.

Daniel Halwidl presents the development of an effusive molecular beam apparatus, which allows the dosing of gases, liquids, and solids in ultra-high vacuum. The apparatus is designed to adsorb precise and reproducible doses to a defined area on metal oxide samples, which is required in Temperature Programmed Desorption and other surface chemistry experiments. The design and the construction of the apparatus is described. The properties of the molecular beam are experimentally confirmed. The beam profile has a core diameter of 3.5 mm and a standard core pressure of 4×10^{-8} mbar, while the background pressure is 4 orders of magnitude lower.

Bring a new degree of interconnectivity to your world by building your own intelligent robots

Key Features

- Leverage fundamentals of AI and robotics
- Work through use cases to implement various machine learning algorithms
- Explore Natural Language Processing (NLP) concepts for efficient decision making in robots

Book Description

Artificial Intelligence for Robotics starts with an introduction to Robot Operating Systems (ROS), Python, robotic fundamentals, and the software and tools that are required to start out with robotics. You will learn robotics concepts that will be useful for making decisions, along with basic navigation skills. As you make your way through the chapters, you will learn about object recognition and genetic algorithms, which will teach your robot to identify and pick up an irregular object. With plenty of use cases throughout, you will explore natural language processing (NLP) and machine learning techniques to further enhance your robot. In the concluding chapters, you will learn about path planning and goal-oriented programming, which will help your robot prioritize tasks. By the end of this book, you will have learned to give your robot an artificial personality using simulated intelligence. What you will learn

- Get started with robotics and artificial intelligence
- Apply simulation techniques to give your robot an artificial personality
- Understand object recognition using neural networks and supervised learning techniques
- Pick up objects using genetic algorithms for manipulation
- Teach your robot to listen using NLP via an expert system
- Use machine learning and computer vision to teach your robot how to avoid obstacles
- Understand path planning, decision trees, and search algorithms in order to enhance your robot

Who this book is for

If you have basic knowledge about robotics and want to build or enhance your existing robot's intelligence, then Artificial Intelligence for Robotics is for you. This book is also for enthusiasts who want to gain knowledge of AI and robotics.

A manual to assist teachers make the best use of Tangrams

Our Baby Girl's First Year is a sweet, inspirational memory book capturing the precious memories of a baby girl's first year. Our Baby Girl's First Year captures the precious memories of baby's first year. It offers space to record memorable moments and milestones like her first steps and her first tooth, scrapbooking pages for photographs, and a special keepsake pocket for baby's hospital bracelet or a lock of hair from her first haircut.

Color and learn fun facts about 25 of the greatest dinosaurs that ever lived! Meet 25 of the world's most amazing dinosaurs! This learn-through-coloring book provides kids with hours of coloring fun and teaches them exciting facts about these prehistoric beasts at the same time. Did you know that Triceratops had up to 800 teeth? Or that Dilophosaurus could run almost as fast as an Olympic runner? Here's what the dinosaurs looked like, how they protected themselves, how big they were, and so much more. Children will have fun coloring the dinosaurs, learning about them, and becoming dinosaur experts. Dinosaur Book for Kids features:

- * Learning while having coloring fun! Kids will discover

amazing facts for each dinosaur that they can share with family and friends. * 50 age-appropriate illustrations, perfect for little hands.

Want more ideas for LEGO Star Wars. models to build? You need this book with bricks that inspires children to build, play, and learn all about the LEGO Star Wars universe. LEGO Star Wars Build your Own Adventure- Galactic Missions combines action-packed story starters with more than 50 fun ideas for building. Once you have built new creations, play out exciting adventures of your own using your personal LEGO collection. Use your favourite Star Wars minifigures to complete five top secret missions! This book comes with a minifigure and the bricks to build an awesome exclusive vehicle that features in the story. 2019 The LEGO Group. & TM 2019 Lucasfilm Ltd.

Get started in white-hat ethical hacking using Kali Linux. This book starts off by giving you an overview of security trends, where you will learn the OSI security architecture. This will form the foundation for the rest of Beginning Ethical Hacking with Kali Linux. With the theory out of the way, you'll move on to an introduction to VirtualBox, networking, and common Linux commands, followed by the step-by-step procedure to build your own web server and acquire the skill to be anonymous . When you have finished the examples in the first part of your book, you will have all you need to carry out safe and ethical hacking experiments. After an introduction to Kali Linux, you will carry out your first penetration tests with Python and code raw binary packets for use in those tests. You will learn how to find secret directories on a target system, use a TCP client in Python, and scan ports using NMAP. Along the way you will discover effective ways to collect important information, track email, and use important tools such as DMITRY and Maltego, as well as take a look at the five phases of penetration testing. The coverage of vulnerability analysis includes sniffing and spoofing, why ARP poisoning is a threat, how SniffJoke prevents poisoning, how to analyze protocols with Wireshark, and using sniffing packets with Scapy. The next part of the book shows you detecting SQL injection vulnerabilities, using sqlmap, and applying brute force or password attacks. Besides learning these tools, you will see how to use OpenVas, Nikto, Vega, and Burp Suite. The book will explain the information assurance model and the hacking framework Metasploit, taking you through important commands, exploit and payload basics. Moving on to hashes and passwords you will learn password testing and hacking techniques with John the Ripper and Rainbow. You will then dive into classic and modern encryption techniques where you will learn the conventional cryptosystem. In the final chapter you will acquire the skill of exploiting remote Windows and Linux systems and you will learn how to own a target completely. What You Will Learn Master common Linux commands and networking techniques Build your own Kali web server and learn to be anonymous Carry out penetration testing using Python Detect sniffing attacks and SQL injection vulnerabilities Learn tools such as SniffJoke, Wireshark, Scapy, sqlmap, OpenVas, Nikto, and Burp Suite Use Metasploit with Kali Linux Exploit remote Windows and Linux systems Who This Book Is For Developers new to ethical hacking with a basic understanding of Linux programming.

Frei Otto, awarded the Royal Gold Medal 2006 by the Royal Institute of British Architects, is one of Germany's most innovative architects in the second half of the 20th century. He taught at the MIT in Cambridge before founding an internationally renowned Institute for Lightweight Structures in 1964. Frei Otto's systematic research of a lightweight and adaptable construction, his early dedication to environment and ecology as well as his impressive personality turned him into an outstanding architect. His works offer an inexhaustible source of inspiration and reflection. Amongst his main works are the German Pavilion for the 1967 World Exhibition in Montreal, the roof for the Munich Olympic Stadium (in collaboration with G. Behnisch), the IBA's ecological houses in 1985 in Berlin, numerous tent-like constructions for Saudi Arabia, as well as temporary tent and membrane structures, including one for the Pink Floyd tour in 1978. He also collaborated on the Japanese Pavilion for the EXPO 2000 in Hanover, and the project for Stuttgart's main railway station. In this volume, prominent authors analyse and discuss the key aspects of Frei Otto's work. In addition it contains an extensive and detailed catalogue of over 200 buildings and projects dating from the years 1951-2004.

Design, Make, Play: Growing the Next Generation of STEM Innovators is a resource for practitioners, policymakers, researchers and program developers that illuminates creative, cutting edge ways to inspire and motivate young people about science and technology learning. The book is aligned with the National Research Council's new Framework for Science Education, which includes an explicit focus on engineering and design content, as well as integration across disciplines. Extensive case studies explore real world examples of innovative programs that take place in a variety of settings, including schools, museums, community centers, and virtual spaces. Design, Make, and Play are presented as learning methodologies that have the power to rekindle children's intrinsic motivation and innate curiosity about STEM (science, technology, engineering, and mathematics) fields. A digital companion app showcases rich multimedia that brings the stories and successes of each program—and the students who learn there—to life.

Prayers for my Baby Boy is a collection of more than 40 beautiful and comforting prayers to guide mothers as they rest their precious baby boy's life in the loving hands of God. Prayers for My Baby Boy features prayers for moms to pray over their baby boys. The prayers and Scripture promises in Prayers for My Baby Boy will guide moms in covering their baby boy with God's faithful promises, protection, and blessing.

Mini Devotions for Girls offers 180 short and sweet devotions that will help busy girls slow down and take time to grow closer to God. Devotions focus on typical tween-girl issues while showing girls how to live for God at the same time.

Presents a collection of photographs featuring babies costumed to resemble creatures and plants found in the garden.

Presents a collection of thirty-two photographs, drawings, paintings and computer images that are optical illusions designed to trick the mind. Being overwhelmed and stressed out isn't something that should be normal to us. Here's a workbook that will give you back your peace of mind. It has weekly calendars, self-care questions, suggestions, places to write down your feelings, and even ways to express yourself to your therapist. No one should have to bear the weight of the world on their shoulders. Sit down, turn your phone off and embark on this journey called "Stress Reliever." 6x9 Journal & Workbook Color interior 149 Pages Matte Cover Lined Pages

FOUR hilarious and moving novels from Sport Relief swim champion and bestselling, critically acclaimed author, David Walliams. THE BOY

IN THE DRESS: Dennis was different. Why was he different, you ask? Well, a small clue might be in the title of this book... MR STINK: Mr Stink stank. He also stunk. And if it was correct English to say he stinked, then he stinked as well... BILLIONAIRE BOY: Joe has a lot of reasons to be happy. About a billion of them, in fact. He has absolutely everything he could possibly want. But there's just one thing he really needs: a friend... GANGSTA GRANNY: Ben's grandma is the boringest grandma ever: all she wants to do is to play Scrabble and eat cabbage soup. But there are two things Ben doesn't know about her. She was once an international jewel thief. All her life, she has been plotting to steal the crown jewels, and now she needs Ben's help...

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