

A Million Dots

This book reflects the current status of theoretical and experimental research of graphene based nanostructures, in particular quantum dots, at a level accessible to young researchers, graduate students, experimentalists and theorists. It presents the current state of research of graphene quantum dots, a single or few monolayer thick islands of graphene. It introduces the reader to the electronic and optical properties of graphite, intercalated graphite and graphene, including Dirac fermions, Berry’s phase associated with sublattices and valley degeneracy, covers single particle properties of graphene quantum dots, electron-electron interaction, magnetic properties and optical properties of gated graphene nanostructures. The electronic, optical and magnetic properties of the graphene quantum dots as a function of size, shape, type of edge and carrier density are considered. Special attention is paid to the understanding of edges and the emergence of edge states for zigzag edges. Atomistic tight binding and effective mass approaches to single particle calculations are performed. Furthermore, the theoretical and numerical treatment of electron-electron interactions at the mean-field, HF, DFT and configuration-interaction level is described in detail.

Organize your life, record what matters, and get stuff done! What the heck is a dot journal? It’s a planner, to-do list, and diary for every aspect of your life: work, home, relationships, hobbies, everything. Early adopter Rachel Wilkerson Miller explains how to make a dot journal work for you—whether you find the picture-perfect examples on Pinterest inspiring or, well, intimidating. You decide how simple or elaborate your journal will be, and what goes in there: Lists of your to-dos, to-don’ts, and more Symbols that will make those lists efficient and effective Spreads to plan your day, week, month, or year Trackers for your habits and goals (think health, money, travel) Accouterments such as washi tape, book darts, and more!

Once you start poppin', there's just no stoppin'! Raised buttons pop in on every page of these fun, tactile books so kids can press them as they read along, and learn to count. In this newest addition, kids can pop the buttons as they sing the alphabet and search for all the different eye-spy elements of this hunt-and-find animal alphabet adventure! This adaptation of the popular rhyme, "A My Name is Alice," teaches the alphabet in a whole new way!

It's an ordinary morning in Walla Walla until Lulu, her teacher, the school nurse, and the principal are all infected by a word warp which makes them reduplicate everything they say.

Carbon Dots

Large Print Dot-To-Dot for Adults

Perovskite Quantum Dots

An Architect’s Dot-to-Dot

Ten Black Dots Board Book

Connect The Dots

How many black dots? One? Two? Three? What can you make? Read this book and see!

A dot-to-dot activity book of landmark buildings and architectural icons of the twentieth century. 45 dot-to-dot drawings to fill in, including iconic buildings from all around the world. Each puzzle has over 300 dots. Examples include the Sydney Opera House, Fallingwater, Guggenheim Museum, Battersea Power Station, Habitat 67 and the Chrysler Building as well as buildings by Mies van der Rohe, Norman Foster, Renzo Piano, Alvar Aalto, Zaha Hadid and Le Corbusier. The perfect mindful activity – get to know the iconic architecture of the world in precise detail from the comfort of your own armchair.

Looks at the childhood of Louis Braille and his creation of the Braille writing system for the blind.

A temple cat in ancient Egypt grows tired of being worshipped and cared for in a reverent fashion and travels to the seaside, where she finds genuine affection with a fisherman and his children.

Connecting the Dots

A Million Dots

One Million

G is for Googol

Dot Journaling—A Practical Guide

Lessons for Leadership in a Startup World

Silicon Valley visionary John Chambers shares the lessons that transformed a dyslexic kid from West Virginia into one of the world's best business leaders and turned a simple router company into a global tech titan. When Chambers joined Cisco in 1991, it was a company with 400 employees, a single product, and about \$70 million in revenue. When he stepped down as CEO in 2015, he left a \$47 billion tech giant that was the backbone of the internet and a leader in areas from cybersecurity to data center convergence. Along the way, he had acquired 180 companies and turned more than 10,000 employees into millionaires. Widely recognized as an innovator, an industry leader, and one of the world’s best CEOs, Chambers has outlasted and outmaneuvered practically every rival that ever tried to take Cisco on—Nortel, Lucent, Alcatel, IBM, Dell, and Hewlett-Packard, to name a few. Now Chambers is sharing his unique strategies for winning in a digital world. From his early lessons and struggles with dyslexia in West Virginia to his bold bets and battles with some of the biggest names in tech, Chambers gives readers a playbook on how to act before the market shifts, tap customers for strategy, partner for growth, build teams, and disrupt themselves. He also adapted those lessons to transform government, helping global leaders like French President Emmanuel Macron and Indian Prime Minister Narendra Modi to create new models for growth. As CEO of JC2 Ventures, he’s now investing in a new generation of game-changing startups by helping founders become great leaders and scale their companies. Connecting the Dots is destined to become a business classic, providing hard-won insights and critical tools to thrive during the accelerating disruption of the digital age.

This book addresses perovskite quantum dots, discussing their unique properties, synthesis, and applications in nanoscale optoelectronic and photonic devices, as well as the challenges and possible solutions in the context of device design and the prospects for commercial applications. It particularly focuses on the luminescent properties, which differ from those of the corresponding quantum dots materials, such as multicolor emission, fluorescence narrowing, and tunable and switchable emissions from doped nanostructures. The book first describes the characterization and fabrication of perovskite quantum dots. It also provides detailed methods for analyzing the electrical and optical properties, and demonstrates promising applications of perovskite quantum dots. Furthermore, it presents a series of optoelectronic and photonic devices based on functional perovskite quantum dots, and explains the incorporation of perovskite quantum dots in semiconductor devices and their effect of the performance. It also explores the challenges related to optoelectronic devices, as well as possible strategies to promote their commercialization. As such, this book is a valuable resource for graduate students and researchers in the field of solid-state materials and electronics wanting to gain a better understanding of the characteristics of quantum dots, and the fundamental optoelectronic properties and operation mechanisms of the latest perovskite quantum dot-based devices.

Knock, knock. Who's there? Jake. Jake who? Jake Drake, Class Clown. Miss Bruce is the new student teacher in second grade, and she never smiles. Never. But when Jake cracks up the class during a spelling bee, he sees the tiniest hint of a smile at the corner of her mouth. Suddenly, Jake has a new mission in life: to be so funny that even Miss Bruce will laugh! But then things get out of hand, and Jake finds himself in big trouble. Has Jake discovered -- too late -- that not everybody loves a clown?

This is a picture book and is a great way for your children to learn colors, recommended for ages 1-3. In this book you will try and find the Blue Dot. Collect the set to make a rainbow on your bookshelf (Orange Dot, Red Dot, Yellow Dot, Green Dot and Purple Dot). Not recommended for the kindle e-reader (as it contains colors). Works best on the kindle app on tablets and phones. Purchase a paper copy for a hands-on and interactive experience.

The Magic & Joy of Exploding Dots

Connect the Dots

How to Start and Keep the Planner, To-Do List, and Diary That’ll Actually Help You Get Your Life Together

Poke-A-Dot: What’s Your Favorite Color?

Graphene Quantum Dots

If You Made a Million

Liar & Spy meets The Parker Inheritance in this whimsically complex story about human connection and the power we all have to determine our own fate. Is there anything more random than middle school? Sixth graders Oliver and Frankie don't think so. Their first few weeks have been full of weirdness -- lunchtime thievery, free beef jerky, and Matilda, the mysterious new girl who knows everything about them, but has a lot to learn about making friends.But what if none of it is random at all? What if a reclusive genius is keeping an eye on them and making sure the tiny pieces of his puzzle fall into place, one by one, until strange, seemingly unconnected incidents snowball totally out of control? Imagine the odds! First a cardamom shortage takes down the school bully. Then a giant dog leads to some extracurricular spying. Soon Oliver is being followed and Matilda is hacking the FBI. And by the time they discover a gang of angry clowns and the world’s largest game of Mousetrap, an insanely brilliant plan has been set in motion that will change their lives forever.Connect the Dots is an intricately plotted story about the power of human connection and a chain of "coincidences" so serendipitous they must be destiny at work.

Celebrates in verse, accompanied by photographs, the many things hands can do.

Jake is determined to win the third grade science fair not only for the grand prize, but to beat the annoying class know-it-alls, as well.

Esperanza Rising joins the Scholastic Gold line, which features award-winning and beloved novels. Includes exclusive bonus content! Esperanza thought she'd always live a privileged life on her family's ranch in Mexico. She'd always have fancy dresses, a beautiful home filled with servants, and Mama, Papa, and Abuelita to care for her. But a sudden tragedy forces Esperanza and Mama to flee to California and settle in a Mexican farm labor camp. Esperanza isn't ready for the hard work, financial struggles brought on by the Great Depression, or lack of acceptance she now faces. When Mama gets sick and a strike for better working conditions threatens to uproot their new life, Esperanza must find a way to rise above her difficult circumstances-because Mama's life, and her own, depend on it.

Clever Puzzles to Reveal and Color

Start With a Dot Journal

A Math Alphabet Book

Blue Dot.

Exploring Carbon at Zero-Dimension

Explains the meaning of mathematical terms which begin with the different letters of the alphabet from abacus, binary, and cubit to zillion.

This is the first book to specifically focus on semiconductor nanocrystals, and address their synthesis and assembly, optical properties and spectroscopy, and potential areas of nanocrystal-based devices. The enormous potential of nanoscience to impact on industrial output is now clear. Over the next two decades, much of the science will transfer into new products and processes. One emerging area where this challenge will be very successfully met is the field of semiconductor nanocrystals. Also known as colloidal quantum dots, their unique properties have attracted much attention in the last twenty years.

Originally published in 1970, One Million has been out of print for some time, and its author, the highly esteemed New Yorker editor and columnist Hendrik Hertzberg, has been prompted by fans to create a new edition. Originally, the project was inspired by the author's journalistic impulse to try to make the newsworthy, large, and rather abstract number more concrete for people. To that end, he has created a book in which each of the 200 pages features five thousand dots, but on each page, a few of the dots are called out from their place in numerical order with a little piece of statistical information that add up to really bring the concept home. Fully updated and revised, Hertzberg's book is a fascinating compendium of random statistics, but the author's trademark intelligence and wit are on display through his choices and juxtaposition.

Double the numbers to go from 1 to 1,000,000 in 40 pages. A stunning visualization of numbers big and small.

Single Quantum Dots

Jake Drake, Know-It-All

Esperanza Rising (Scholastic Gold)

Just Because

The Lost Cousins

The Wheels on the Bus

Curious minds are rewarded with curious answers in a fantastical bedtime book by Mac Barnett and Isabelle Arsenault. Why is the ocean blue? What is the rain? What happened to the dinosaurs? It might be time for bed, but one child is too full of questions about the world to go to sleep just yet. Little ones and their parents will be charmed and delighted as a patient father offers up increasingly creative responses to his child's nighttime wonderings. Any child who has ever asked "Why?" -- and any parent who has attempted an explanation -- will recognize themselves in this sweet storybook for dreamers who are looking for answers beyond "just because."

School Zone Get Ready! Books offer a complete preschool curriculum. Distinguished by charming, full-color illustrations, these workbooks offer easy-to-read instructions and fun-to-do exercises for parents and children to enjoy together.

From the wildly original creator of The Lost House comes an around-the-world seek-and-find adventure! Grandad and his grandchildren are looking at an old photo album when Grandad realizes the children have never met their cousins who are scattered across the globe. It's time to head off on an adventure to go visit them—but finding the long-lost cousins is harder than it sounds! From icy landscapes to bustling cities to vivid jungles, it seems Grandad's got relatives everywhere, and these dazzling spreads are full of both cousins and objects for readers to find. With a dizzying array of dazzling spreads, this is the most global and adventurous LOST book yet and will keep kids (and their adults) entertained for hours on end!

A Million Dots

Liar & Spy

Semiconductor Nanocrystal Quantum Dots

Temple Cat

Fun is as easy as 1-2-3 with these cool and crazy follow-the-numbers puzzles

Double Trouble in Walla Walla

Fundamentals, Applications and New Concepts

Papa Monkey and Little Monkey are on their way. But the street is very busy and they are moving so slowly! Little Monkey loses patience and jumps onto the fire engine. Up the ladder from there and he joins a TV crew! Then the garbage truck, an aquarium bus, a food cart for rabbits packed with carroty treats, Arctic animals traveling by snow globe, a jewel thief's getaway car . . . There is so much going on in the street, it's become a playground! Each vehicle in this wordless picture book contains a world of detail, activity and humor to share with curious toddlers.

If you can make a dot, then you're ready to be taken on a creative journey. Inspired by his internationally beloved picture book The Dot, Peter H. Reynolds begins this guided journal by giving you permission to draw just one dot and sign your name. Over the next several pages, you're encouraged to take pleasure in making iterations of the dot: big dots, little dots, colorful dots, orderly dots, and scattered dots. Then you'll move on to other mark-making activities, conquering perfectionism, loosening up, and letting your creativity flow. Throughout, Reynolds offers exercises that draw a connection between mindfulness and leaving your mark on the page. Whether you're a timid beginner or a seasoned artist who needs a creative jolt to keep fresh and recharge, this journal is for you.

Special focus is given to the optical and electronic properties of single quantum dots due to their potential applications in devices operating with single electrons and/or single photons. This includes quantum dots in electric and magnetic fields, cavity-quantum electrodynamics, nonclassical light generation, and coherent optical control of excitons.

The instant New York Times bestseller from the author of the Newbery Medal winner When You Reach Me: a story about spies, games, and friendship. The first day Georges (the S is silent) moves into a new Brooklyn apartment, he sees a sign taped to a door in the basement: SPY CLUB MEETING—TODAY! That’s how he meets his twelve-year-old neighbor Safer. He and Georges quickly become allies—and fellow spies. Their assignment? Tracking the mysterious Mr. X, who lives in the apartment upstairs. But as Safer’s requests become more and more demanding, Georges starts to wonder: how far is too far to go for your only friend? “Will touch the hearts of kids and adults alike.” —NPR Winner of the Guardian Prize for Children’s Fiction Named a Best Book of the Year by The New York Times, The Wall Street Journal, and more!

The Dot

A Journal for Making Your Mark

Jake Drake, Class Clown

1-25 Dot-to-dot

Six Dots

A Revolutionary Concept That Changes the Way We Learn and Teach Mathematics

Engage your brain with Connect and Color: Spectacular Dot to Dot, a collection that combines the challenge of a 500 dot connect-the-dots puzzle with the simple joy of coloring. From the very first line you draw to the last, you ’ ll find lasting satisfaction in bringing one of 40 intricate illustrations to life. From classic automobiles; to magnificent animals; to some of the most amazing architecture on Earth, each finished dot-to-dot masterpiece will slowly reveal itself for you to color. Tear-out pages make it easy to share your completed piece with others or frame it for yourself! Add excitement to your day and art to your life with Connect and Color:

Spectacular Dot to Dot.

In October 2017, over one million students and teachers from 168 countries and territories were transfixed by a universal story that together, they explored. In Tanzania, a class gathered excitedly around the chalkboard as the teacher began to tell the story. New York City high schoolers drew illustrations on a whiteboard. Ponytailed elementary school girls in Saudi Arabia animatedly explored the key ideas using colorful magnetic dots. In Romania, middle grade students played with the online version on their laptops, exclaiming aloud at each new twist. And in Zimbabwe, students recreated the story for themselves using nothing but pebbles and hollows dug into the ground. What kind of a story is this that has the power to engage students all over the world, transcending language, borders, and technology? Why, it’s a story of the deeply human endeavor of mathematics! It’s the mathematics of Exploding Dots! Comments from participants and teachers around the world: "Hands up in the air in triumph! Decades of believing I couldn’t do math - poof! Explored!" "Exploding Dots has changed my mind, and thus my life! Thank you!"

Learn facts about numbers, and see one million dots!

Shirley Taylor has inspired audiences around the world with her heart-warming stories and simple but powerful lessons. Now through the pages of this book, they will inspire readers to stay positive during challenging times and create new opportunities for growth and success. In looking back at the significant turning points in her life, Shirley shares the key lessons that have helped her to grow both professionally and personally. She then ‘connects the dots’ to reveal the common thread that runs through all these turning points. Shirley also includes inspiring insights from global leadership experts who share their own personal turning points and the lessons they have learned. In Connecting the Dots, Shirley provides down-to-earth advice and practical tools that will help people everywhere to navigate change, unlock their true potential, and drive their own success.

Connecting the Dots: To Inspire the Leader in You

A Story of Young Louis Braille

The Handiest Things in the World

Poke-A-Dot: an Alphabet Eye Spy

Giant Super Jumbo Dot to Dot Over 100 Pages of Birds, Butterflies, Landscapes, Animals, Flowers and More for Relaxation

Connect & Color: Spectacular Dot-to-Dot

Large Print Dot-to-Dot Book For Adults, Seniors and Teens For Stress Relief. This Dot to Dot Book for adults and teens is great for someone who just likes to relax unwind, and draw dot to dot lines between beautiful pictures. Every connect the dots picture is printed on its own 8.5 x 11 inch page. Make one of the best decisions this year and get your copy of this fantastic Large Print Dot-to-Dot Book For Adults while you still can.

Written by the founder of the field of carbon “quantum” dots (carbon dots) and related technology, this book outlines the principles of carbon dots and presents strong evidence for that small carbon nanoparticles and by extension carbon dots represent the nanoscale carbon allotrope at zero-dimension. Historical accounts of the inception and evolution of the carbon dots field are provided. Experimental approaches and techniques for the dot synthesis and some related major issues are discussed in detail. The photoexcited state properties, especially the bright and colorful photoluminescence emissions, and photoinduced redox characteristics of carbon dots are presented, and so are their advantages over semiconductor quantum dots as well as fullerenes. Carbon

dots are also compared with "graphene quantum dots", for which a unified mechanistic understanding is proposed. Finally, a broad range of applications of carbon dots and their derived hybrid nanostructures in biomedical, renewable energy, food and environmental safety, and other technologies are highlighted. The book concludes with a discussion on the excellent potential and opportunities for further research and development.

Get your pencil ready--it's time to jumpstart your imagination with The Everything Kids' Connect the Dots Puzzle and Activity Book! When you crack the connect-the-dots puzzles in this book, you'll climb aboard a ship and encounter swashbuckling pirates, dig up a dinosaur skeleton, or get behind the wheel of your very own racecar! Count your way through puzzles to discover: Exciting sports and games Cuddly cats and dangerous dragons Slimy, smelly, and gross creatures Sneaky spies and their secret lives Perfect princes and pretty princesses Vehicles that go vroom! With tons of terrific puzzles that deliver hours of fun, you won't want to stop connecting the dots!

Using click-to-count buttons, kids will love learning their colors as they poke the dots on every page!

The Everything Kids' Connect the Dots and Puzzles Book

Synthesis, Assembly, Spectroscopy and Applications

Synthesis, Properties and Applications

Monkey on the Run

Mahima Mehra did it.Ranjiv Ramchandani did it.Kalyan Varma did it. Connect the Dots is the story of 20 enterprising individuals without an MBA, who started their own ventures. They were driven by the desire to prove themselves. To lead interesting, passionate, meaningful lives. Their stories say one thing loud and clear. You don't need a fancy degree or a rich daddy to dream big and make it happen. It's all in your head, your heart, your hands.

Solve the dot-to-dot puzzle, and reveal a picture ready to color! Dot-to-dots in this 64-page workbook from the Get Ready! Series connect a frolicking collection of animal friends and playful scenes. Each puzzle labels the dots with numbers 1-25 and focuses on developing sequencing and eye-hand coordination--the skills that help prepare little ones for school. Once they connect the dots correctly, kids can reward themselves by coloring in the picture they helped create. With 64 playful puzzles to solve, developing a learning is fun habit comes easy. Get the School Zone Advantage(TM) today!

Features an audio read-along! With a simple, witty story and free-spirited illustrations, Peter H. Reynolds entices even the stubbornly uncreative among us to make a mark -- and follow where it takes us. Her teacher smiled. "Just make a mark and see where it takes you." Art class is over, but Vashti is sitting glued to her chair in front of a blank piece of paper. The words of her teacher are a gentle invitation to express herself. But Vashti can't draw - she's no artist. To prove her point, Vashti jabs at a blank sheet of paper to make an unremarkable and angry mark. "There!" she says. That one little dot marks the beginning of Vashti's journey of surprise and self-discovery. That special moment is the core of Peter H. Reynolds's delicate fable about the creative spirit in all of us.

If You Made a Million Have you ever wanted to make a million dollars? Marvelosissimo the Mathematical Magician is ready, willing, and able to explain the nuts and bolts -- as well as the mystery and wonder -- of earning money, investing it, accruing dividends and interest, and watching savings grow. Hey, you never know! An ALA Notable Book A Horn Book Fanfare Selection A School Library Journal Best Book of the Year A Teachers' Choices Selection