

DK Findout Coding

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DKfindout! Coding - DK 2017-07-04

Supporting STEM-based learning, this fun, fact-filled book for kids ages 6-9 explores the programming that makes our world work, in everyday objects from traffic lights to vending machines. Educating young readers through a combination of close-up images, quirky trivia facts, quiz questions, and fascinating tidbits, it's the perfect book for any reader who can't get

enough of coding. How much did the first laptop weigh? What exactly is a computer bug? How many calculations can the world's fastest computer perform in a single second? Find out the answers to these questions and more in DKfindout! Coding, which features photographs and illustrations of gadgets, games, and coding geniuses like Ada Lovelace and Alan Turing. Beginning in the mid-1800s, readers can trace

the path of coding pioneers from the birth of the first computer all the way to today's tech boom. Along the way, they'll learn about the fundamentals of coding languages like Java and Python—including their application in everything from cars to calculators—and how coding continues to revolutionize tech, gaming, medicine, space travel, and more. Vetted by educational consultants, the DKfindout! series drives kids ages 6–9 to become experts on more than 30 of their favorite STEM- and history-related subjects, whether Vikings, volcanoes, or robots. This series covers the subjects that kids really want to learn about—ones that have a direct impact on the world around them, like climate change, space exploration, and rapidly evolving technology—making learning fun through amazing images, stimulating quizzes, and cutting-edge information. The DKfindout! series is one that kids will want to turn to again and again.

DKfindout! Engineering - DK 2017-07-04

Discover the fascinating world of engineering with this exciting book full of amazing images, fun quizzes, and incredible information. Learn how engineering concepts such as levers, wheels and axles, and pulleys work, and how techniques have changed and developed over time. Showcasing engineering feats throughout history - from the pyramids of Ancient Egypt to the construction of the Brooklyn Bridge - and the famous engineers who built them, DK findout! Engineering covers steam engines, rocket technology, bridges, buildings, and more. Filled with colorful images and quirky facts and supporting STEM education initiatives, DK findout! Engineering is engaging and educational. Learn more about engineering - or anything else - at www.dkfindout.com, a free educational website for kids to have fun with information and expand their knowledge.

Engineering - Emily M. Hunt 2017

Have you ever wanted to know how a roller coaster works? Or how engineers work in space?

This book is packed with surprising facts and amazing pictures. It's a small book filled with big ideas.

DK Children's Encyclopedia - DK 2017-10-10

The ultimate book of knowledge for kids aged 7 to 9, this thorough children's encyclopedia contains all the homework answers your kids will need, explained clearly and checked by experts. An engaging, traditional-style general reference book for kids covering all the key subjects including Arts, People, History, Earth, Nature, Science, Technology, Space, and the Human Body in alphabetical order. This encyclopedia for children is a must-have resource for every student's shelf, with age-appropriate, jargon-free text accompanied by stunning, detailed images covering over 240 topics all in one place, from science and nature to history and the arts. Essential for any child who wants to discover as much as possible about the world around them. Packed with information, each single-page entry in this

fabulous kid's encyclopedia features a key topic explained in a concise manner accompanied by gorgeous visuals, fun facts about the world and extensive cross-references revealing the links between subject areas. Kids can learn about Ancient Rome, chemistry, evolution, microscopic life, robots, Vikings, and so much more. Written, edited, and designed by a team of experts, vetted by educational consultants, and properly levelled to the reading age, this is the ultimate knowledge book for kids. Explore, Wonder And Learn! The ultimate illustrated children's encyclopedia is packed with thousands of incredible and essential facts on favourite subjects! Beautiful illustrations, colourful maps, and magnificent photographs bring every single page to life. Inspiring and informative, the DK Children's Encyclopedia is a book of wonder that will absorb and engage children of all ages. This kid's educational book covers topics like: - Storytelling, changing the world, music and war - Films, technology, inventions, food and clothes

- Explorers, planets and pets - And so much more!

Code Breakers - DK 2021-09-02

Venture into the world of codes and ciphers! Codes have been used for thousands of years as a way of hiding important secrets and sending mysterious messages. They are the best way of sending messages covertly and keeping information safe from enemies or nosy siblings! Learn about the fiendishly clever codes and ciphers that have been invented over the years and how even cleverer people have cracked them. Become an expert in cryptology as you follow the stories of famous codebreakers and their place in history. Codebreakers is part of the Mega Bites series, which uncovers the secrets of history, science, and the natural world. Investigate the most complicated thing in the universe - your Brain; then journey to the most mysterious as we dive into a Black Hole; and closer to home, marvel at the genius of the world's smartest Codebreakers! Whichever title

you pick, you'll get the expert knowledge and fun facts you need on each topic, with every ebook including illustrations, fun stories, and anecdotes.

Computer Coding Python Projects for Kids - 2017-07-31

Computer Coding Python for Kids has all you need to master Python - one of the world's most popular computer programming languages. Python is easier than other professional coding languages yet no less powerful. Computer Coding Python for Kids uses a hands-on approach to show it how works, with step-by-step projects that build knowledge gradually, from simple functions to building a space treasure game, kids will not only learn essential coding skills but have fun as they learn. Plus there are tips to personalise and adapt each project to encourage creative thinking. Just by following the steps and kids will be building crazy games and handy apps in no time.

How To Be a Coder - Kiki Prottzman

2019-07-02

Learn to think like a coder without a computer! Each of the fun craft activities included in this book will teach you about a key concept of computer programming and can be done completely offline. Then you can put your skills into practice by trying out the simple programs provided in the online, child-friendly computer language. Scratch. This crafty coding book breaks down the principles of coding into bite-sized chunks that will get you thinking like a computer scientist in no time. Learn about loops by making a friendship bracelet, find out about programming by planning a scavenger hunt, and discover how functions work with paper fortune tellers. Children can then use their new knowledge to code for real by following the clear instructions to build programs in Scratch 3.0. Perfect for kids aged 7-9, the various STEAM activities will help teach children the crucial skills of logical thinking that will give them a head-start for when they begin programming on

a computer. Famous scientist pages teach children about coding pioneers, such as Alan Turing and Katherine Johnson, and topic pages, such as the Internet, give kids a wider understanding of the subject. Written by computer science expert Kiki Prottzman, How to be a Coder is so much fun, kids won't realize they're learning!

My First Coding Book - Kiki Prottzman

2017-07-04

Teach kids as young as 5 years old the basic programming skills necessary to code, including sequencing and loops, without a computer. It's never too early to learn computer coding. My First Coding Book is a playful introduction to offline coding and programming that will give young children a head start. Filled with puzzles, mazes, and games to teach the basic concepts of sequences, algorithms, and debugging, this book will help children develop critical thinking, logic, and other skills to cement lifelong computer literacy, which is extremely valuable and sought-

after in today's world. With its unique approach and colorful and creative imagery, My First Coding Book makes learning and fun one and the same and will have children playing their way to programming proficiency. Supporting STEM education initiatives, computer coding teaches kids how to think creatively, work collaboratively, and reason systematically, and is quickly becoming a necessary and sought-after skill. DK's computer coding books are full of fun exercises with step-by-step guidance, making them the perfect introductory tools for building vital skills in computer programming.

Computer Coding for Kids - Carol Vorderman
2019-08-01

Don't just play computer games - help children build them with your own home computer! Calling all coders, this is a straightforward, visual guide to helping kids understand the basics of computer coding using Scratch and Python coding languages. Essential coding concepts like scripts, variables, and strings are

explained using build-along projects and games. Kids can create online games to play like Monkey Mayhem and Bubble Blaster, draw mazes and shapes, build animations, and more using the step-by-step examples to follow and customize. Seven projects let kids (and their parents) practice the skills as they are learning in each section of the book. Kids get instant results, even when completely new to coding. Packed with visual examples, expert tips, a glossary of key terms, and extras such as profiles of famous coders, Help Your Kids with Computer Coding lays a hands-on foundation for computer programming, so adults and kids can learn together. Supporting STEM education initiatives, computer coding teaches kids how to think creatively, work collaboratively, and reason systematically, and is quickly becoming a necessary and sought-after skill. DK's computer coding books are full of fun exercises with step-by-step guidance, making them the perfect introductory tools for building vital skills in

computer programming. User note: At home, all you need is a desktop or laptop with Adobe 10.2 or later, and an internet connection to download Scratch 2.0 and Python 3. Coding with Scratch can be done without download on <https://scratch.mit.edu>. Series Overview: DK's bestselling Help Your Kids With series contains crystal-clear visual breakdowns of important subjects. Simple graphics and jargon-free text are key to making this series a user-friendly resource for frustrated parents who want to help their children get the most out of school.

DKfindout! Animals - DK 2016-09-06

Supporting STEM-based learning, this fact-filled book for animal lovers ages 6-9 is the ultimate guide to all sorts of amazing creatures from across the globe, entertaining and educating young readers through a combination of close-up images, quirky trivia facts, quiz questions, and fascinating tidbits on everything from tigers to tardigrades. How many hearts does an octopus have? Which is the most poisonous animal alive?

Why could a penguin never live in a hot desert? Find out the answers to these questions and more in DKfindout! Animals, which features stunning wildlife photography of animals in their natural environments, throughout every stage of their life cycles. This book teaches young zoologists what distinguishes each branch of the animal kingdom, while sections on habitats like mountains, forests, and grasslands provide a closer look at the particular animals that live in each and have adapted to its unique challenges. Along the way, readers will discover the different diets of carnivores and herbivores, find out how food chains work, and learn about the various kinds of homes animals live in, from bear dens to beaver dams. Vetted by educational consultants, the DKfindout! series drives kids ages 6-9 to become experts on more than 30 of their favorite STEM- and history-related subjects, whether Vikings, volcanoes, or robots. This series covers the subjects that kids really want to learn about-ones that have a direct

impact on the world around them, like climate change, space exploration, and rapidly evolving technology-making learning fun through amazing images, stimulating quizzes, and cutting-edge information. The DKfindout! series is one that kids will want to turn to again and again.

DKfindout! Science - DK 2016-09-06

A fantastic resource to teach kids everything they would want to know about the exciting world of science. Perfect for budding scientists who want a highly visual STEM book to increase their science know-how. This introduction to science for kids is full of photographs and illustrations, fascinating facts, and engaging challenges. It's sure to inspire the next amazing science fair project. A brilliant science book for kids containing tons of interesting facts about this limitless subject, as well as a fantastic breakdown of what science is and why it's so important. Did you know that there are no sounds in space? Or that rainbows appear only

in the morning or late afternoon? Find out why! For any child that can't get enough of science, DKfindout! Science is packed with fun facts, quizzes and amazing photography. Follow along with key curriculum text introducing all the key topics for age 6+ readers covering everything from light and electricity, to animals and parts of the body. This series will satisfy any child who is eager to learn and acquire facts - and keep them coming back for more. The only limit is your imagination! Find Out About The Exciting World Of Science! Have you ever wanted to know what lightning is? Or perhaps you'd like to know how to make a rainbow? Now you can! DKfindout! Science is packed with surprising scientific facts and fascinating pictures. It's a small book filled with big ideas. Inside these pages, you will: - Learn about forces, the laws of motion, simple machines, and electrical circuits - Read about great scientists in history - See how the water cycle works - Discover how things like gravity and magnetism change our daily lives - Hear

from real-life expert Dr. Suze Kundu what it's like to be a materials scientist - Fold out the cover for a science quiz and timeline -and find out much, much more! Dkfindout! Science is one title in the Dkfindout! series of educational books for kids, and Silver award winner in the MadeForMums Awards 2017 children's books series category. Kids around the world are obsessed with this gorgeous collection, so much so that a range of massive DKfindout! posters for bedroom walls are sold separately. Add to your collection and nurture your little one's interest in the world. Other titles include DKfindout! Solar System, Birds, Castles, Climate Change, Pirates, Coding, Ancient Egypt, Engineering, Reptiles and a whole lot more!

DKfindout! World War II - Brian Williams
2017-11-14

2020 marks the 75th anniversary of the end of World War II, and this photo-filled book is perfect for teaching kids ages 6-9 about the conflict and its lasting impact. Entertaining and

educating young readers through a combination of close-up images, trivia facts, quiz questions, and fascinating tidbits, it's the ultimate guide for any kid who is hungry to learn more about military history. When did World War II begin? How were people protected during an air raid? How did the Allies crack the enemy's secret code? Find out the answers to these questions and more in DKfindout! World War II, which features photographs and illustrations of war machines, battlefields, and world leaders from throughout the span of this widespread conflict. Readers will learn about the rise of Nazi Germany, the bombing of Pearl Harbor, and life during the war. From the horrors of the Holocaust to the Allies' victory against the Germans on D-Day, DKfindout! World War II will provide kids with plenty of important details to pore over. Vetted by educational consultants, the DKfindout! series drives kids ages 6-9 to become experts on more than 30 of their favorite STEM- and history-related subjects, whether Vikings,

volcanoes, or robots. This series covers the subjects that kids really want to learn about—ones that have a direct impact on the world around them, like climate change, space exploration, and rapidly evolving technology—making learning fun through amazing images, stimulating quizzes, and cutting-edge information. The DKfindout! series is one that kids will want to turn to again and again.

DKfindout! Energy - Emily Dodd 2018-07-10
Supporting STEM-based learning, this fact-filled book for kids ages 6-9 is the ultimate guide to energy and its role in building a more sustainable future. Entertaining and educating young readers through a combination of close-up images, quirky trivia facts, quiz questions, and fascinating tidbits, it's the perfect book for fueling kids' interest in the natural forces that shape our world. Why does your hair stick to a balloon? What are fossil fuels made from? Why does ice cream feel cold when we eat it? Find out the answers to these questions and more in

DKfindout! Energy, which features photographs of scientific experiments and illustrative examples of basic energy principles. From the discovery of fire to the development of the nuclear reactor, scientific breakthroughs throughout history have led to modern energy applications, like Marie Curie's research on radioactivity, which is still used in cancer treatments today. Readers will also delve into future energy issues and their possible solutions. Vetted by educational consultants, the DKfindout! series drives kids ages 6-9 to become experts on more than 30 of their favorite STEM- and history-related subjects, whether Vikings, volcanoes, or robots. This series covers the subjects that kids really want to learn about—ones that have a direct impact on the world around them, like climate change, space exploration, and rapidly evolving technology—making learning fun through amazing images, stimulating quizzes, and cutting-edge information. The DKfindout! series is one that

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DKfindout! Birds - DK 2019-06-25

Supporting STEM-based learning, this fact-filled book for bird lovers ages 6-9 is the ultimate guide to nearly 150 bird species from across the globe, entertaining and educating young readers through a combination of close-up images, quirky trivia facts, quiz questions, and fascinating tidbits on everything from toucans to turkeys. How many species of birds are in the world today? What do bird feathers and human hair have in common? Why do some bird species let ants crawl on them? Find out the answers to these questions and more in DKfindout! Birds, which features stunning wildlife photography of birds in their native environments, throughout every stage of their life cycles. Beginning with a broad overview of bird biology, this book teaches young ornithologists what makes birds different from other branches of the animal kingdom, while "fact files" provide a closer look at bird species that share particular habitats, like

deserts and rain forests. From mating to migrating and everything in between, DKfindout! Birds captures the breadth of the bird world in a unique and fun way. Vetted by educational consultants, the DKfindout! series drives kids ages 6-9 to become experts on more than 30 of their favorite STEM- and history-related subjects, whether Vikings, volcanoes, or robots. This series covers the subjects that kids really want to learn about-ones that have a direct impact on the world around them, like climate change, space exploration, and rapidly evolving technology-making learning fun through amazing images, stimulating quizzes, and cutting-edge information. The DKfindout! series is one that kids will want to turn to again and again.

DKfindout! Climate Change - DK 2020-04-07

This timely entry into the award-winning DKfindout! Series, explores the past, present, and future of our climate. In 2019 kids around the world went on strike for the future of our

planet, and for their own futures. This amazing book on climate change for kids covers what we can do every day as potential activists to help prevent further damaging changes to the climate. The subject matter of this book has become a very hot topic! Find out why climate change is such a big deal. It contains a wealth of facts about the world, figures, predictions and graphical data to help you understand exactly what it all means. It is a great addition to any bookshelf, and a valuable and contemporary resource for all ages. Climate change is now one of the biggest issues we face as a society, and the British and Irish governments have become the first in the world to declare a climate emergency. This book lays out the science behind this natural process that has been exponentially sped up by humans. It explains the different ways in which we have caused the Earth to heat up, from traffic pollution to animal farming, and the vast, widespread effects we are causing. It covers key developments such as the

industrial revolution, the advent of air travel, and climate activism, such as the People's Climate March to Greta Thunberg and the Extinction Rebellion. Come to understand the facts about climate change in these pages and discover what we can do to improve the human impact on our environment. Find Out How To Save The World! A small book filled with fun facts and big ideas! Over 64 pages are packed with information covering all the aspects of climate change including a timeline dating from the 1760s all the way through to 2050, to living with climate change and what we can do about it. Dkfindout! Climate Change encourages children to think more about the world around them and is a great aid for any school project on climate change. Inside you will: -Learn about deforestation, the greenhouse effect and transport -Discover the polar crisis, changing sea levels and sinking islands -Explore activism, collective change, and small ways to make a difference Dkfindout! Climate Change is one title

in the Dkfindout! series of educational books for kids, and Silver award winner in the MadeForMums Awards 2017 children's books series category. Kids around the world are obsessed with this gorgeous collection, so much so that a range of massive DKfindout! posters for bedroom walls are sold separately. Add to your collection and nurture your little one's interest in the world. Other titles include DKfindout! Solar System, Birds, Castles, Science, Pirates, Coding, Ancient Egypt, Engineering, Reptiles and a whole lot more!

DKfindout! Climate Change - Lisa Owings
2020-03-31

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Beginner's Step-by-Step Coding Course - DK 2020-01-07

With this visual guide to computer programming for beginners, it has never been easier to learn how to code. Coding skills are in high demand and the need for programmers is still growing. Covering three of the most popular languages for new coders, this book uses a graphic method to break complex subjects into user-friendly chunks, bringing essential skills within easy reach. Each chapter contains tutorials on practical projects designed to teach you the main applications of each language, such as building websites, creating games, and designing apps. The book also looks at many of the main coding languages that are out there, outlining the key applications of each language, so you can choose the right language for you. You'll learn to think like a programmer by breaking a problem down into parts, before turning those parts into lines of code. Short,

easy-to-follow steps then show you, piece by piece, how to build a complete program. There are challenges for you to tackle to build your confidence before moving on. Written by a team of expert coders and coding teachers, Beginner's Step-by-Step Coding Course is the ideal way to get to set you on the road to code.

[DKfindout! Coding](#) - DK 2017-07-04

Supporting STEM-based learning, this fun, fact-filled book for kids ages 6-9 explores the programming that makes our world work, in everyday objects from traffic lights to vending machines. Educating young readers through a combination of close-up images, quirky trivia facts, quiz questions, and fascinating tidbits, it's the perfect book for any reader who can't get enough of coding. How much did the first laptop weigh? What exactly is a computer bug? How many calculations can the world's fastest computer perform in a single second? Find out the answers to these questions and more in DKfindout! Coding, which features photographs

and illustrations of gadgets, games, and coding geniuses like Ada Lovelace and Alan Turing. Beginning in the mid-1800s, readers can trace the path of coding pioneers from the birth of the first computer all the way to today's tech boom. Along the way, they'll learn about the fundamentals of coding languages like Java and Python-including their application in everything from cars to calculators-and how coding continues to revolutionize tech, gaming, medicine, space travel, and more. Vetted by educational consultants, the DKfindout! series drives kids ages 6-9 to become experts on more than 30 of their favorite STEM- and history-related subjects, whether Vikings, volcanoes, or robots. This series covers the subjects that kids really want to learn about-ones that have a direct impact on the world around them, like climate change, space exploration, and rapidly evolving technology-making learning fun through amazing images, stimulating quizzes, and cutting-edge information. The DKfindout!

series is one that kids will want to turn to again and again.

DKfindout! Ancient Rome - DK 2016-09-06

This fun, fact-filled book for kids ages 6-9 is the ultimate guide to Ancient Rome, from gladiators to amphitheaters. Entertaining and educating young readers through a combination of close-up images, quirky trivia facts, quiz questions, and fascinating tidbits, it's the perfect book for any kid who can't get enough of this remarkable civilization. How many miles did Roman soldiers walk in a day? Which pungent food did they eat to stay healthy? What is a strigil and what did the Romans use it for? Find out the answers to these questions and more in *DKfindout! Ancient Rome*, which features photographs of Roman artifacts and relics, as well as maps and illustrations depicting the structure of their society, from slaves to emperors. This book explores every facet of Ancient Rome's iconic culture, including its many gods and goddesses, its Roman numeral counting system, and its

most well-known architectural features, like domes, columns, and arches. From temples to togas, *DKfindout! Ancient Rome* details this civilization's lasting impact in a unique and fun way. Vetted by educational consultants, the *DKfindout!* series drives kids ages 6-9 to become experts on more than 30 of their favorite STEM- and history-related subjects, whether Vikings, volcanoes, or robots. This series covers the subjects that kids really want to learn about—ones that have a direct impact on the world around them, like climate change, space exploration, and rapidly evolving technology—making learning fun through amazing images, stimulating quizzes, and cutting-edge information. The *DKfindout!* series is one that kids will want to turn to again and again.

DKfindout! Robots - Nathan Lepora

2018-01-04

Kids get an up-close look at all kinds of cool robots, from cyborgs and humanoids to robots in movies, with amazing images and mind-blowing

facts. DKfindout! Robots will satisfy any child who is eager to learn - and keep them coming back for more! Find out why and how robots are made, how they help humans and what they will do in the future, DKfindout! Robots is packed with up-to-date information, fun quizzes and incredible images of robots. Young robot fans will love finding out about the exciting world of robots. Silver award winner in the MadeForMums Awards 2017 children's books series category.

DKfindout! Solar System - DK 2016-09-06

Part of an award-winning book series for children, this is the ultimate guide to our magnificent solar system and the astronauts who explore it. An entertaining, educational adventure for young readers. Engage the senses through vivid deep-space photography, cutaways and illustrations, quiz questions, and quirky fun facts. It's the perfect book for any kid who can't get enough of outer space! Supporting STEM-based learning, this fact-filled book for kids is

perfect for ages 6-9 and contains key curriculum information. Although, age is but a number, don't let our recommendations put you off enjoying this absolute masterpiece of extraordinary astronomy! This kids educational book is so much more than just another book about space. It allows children to discover the mysteries of asteroids hurtling through space, comets lighting up the sky, and the biggest star in our glorious solar system, the Sun. It also explores the steps we've taken to study outer space, like launching the International Space Station. Not to mention the exquisite photographs of nearby planets, stars, and astronomical bodies and stunning details on each of Earth's neighboring planets, including fascinating facts about their moons, mineral makeup, and more. While it's packed with a lot of information, it is presented in a way that can be read in snippets that are appropriate to any level of understanding and you can return to it over and over again to enjoy the majestic beast

that is outer space in more detail. Vetted by educational consultants, the DKfindout! series drives kids ages 6-9 to become experts on more than 30 of their favorite STEM- and history-related subjects. Find out Amazing Facts About Our Solar System! What is the weather like on Jupiter? Which planet is the hottest? What are Saturn's remarkable rings made of? How long would it take to get to Pluto? Find out the answers to these questions and more in DKfindout! Solar System. This incredible book is packed with surprising facts and amazing pictures that are simply put, out of this world! From comets to craters, this book captures the beauty of our celestial system as best as one can without going into space itself. Explore the world of astronomy and travel our solar system as we know it today: -Explore Mars, Jupiter, Saturn and Pluto -Learn about Space rocks, ice giants, and an asteroid belt -Adventure through space ages, meet alien hunters and go beyond the solar system! Dkfindout! Solar System is one

title in the Dkfindout! series of educational books for kids, and Silver award winner in the MadeForMums Awards 2017 children's books series category. Kids around the world are obsessed with this gorgeous collection, so much so that a range of massive DKfindout! posters for bedroom walls are sold separately. Add to your collection and nurture your little one's interest in the world. Other titles include DKfindout! Birds, Castles, Climate Change, Pirates, Coding, Ancient Egypt, Engineering, Reptiles and a whole lot more!

[DKfindout! Elementary Science Pack](#) - DK
2021-04-27

A discounted bundle for educators that includes five elementary science titles from the DKfindout! series-Animals, Earth, Energy, Human Body, and Science-and access to supporting curriculum resources on the DKfindout! website. Perfect for use by teachers with children ages 5-10, the DKfindout! Elementary Science Pack provides access to:

Print and digital information resources for both offline and online methods of learning Engaging, high-quality content aligned to curriculum Teacher lesson sequences and planning This pack contains high-quality, accessible nonfiction ebooks that focus on topics tied to curriculum and aligned with Next Generation Science Standards. In the true DK way, the DKfindout! series is characterized by highly visual and colorful page layouts with a mix of photographs, diagrams, boxes, bursts, timelines, and short chunks of text that make information easily digestible and learning fun for kids. But this pack makes things easy for you, the teacher, too. With instructions on how to obtain access to six free learning pathways-each outlining between eight and twelve lessons written by an experienced educator-and at-home support materials for guardians with additional activities and experiments, this pack serves as an affordable, one-stop resource for several weeks of teaching. And the free-to-use, child-safe

encyclopedic DKfindout! website allows both you and your students to take learning even further with more fascinating topics, more amazing images, and more interactive quizzes. The DKfindout! Elementary Science Pack will make your next set of science lessons easy to implement and even more fun for your students, whether you're teaching remotely, in person, or homeschooling your own children. Once you have completed and received your purchase, head to the DKfindout! website and create a teacher account to get started.

DKfindout! Human Body - DK 2017-09-19
From gooey gastric juices to our amazing brains, and everything in the human body in between, this book will give kids the knowledge they want about how our bodies work. DK findout! Human Body introduces kids to the complex system that is our body, from head to toe. Nerves and organs, spines and skulls, plus all the gooey stuff that fascinates kids like digestion, waste and smelly business are discussed with text and

images appropriate for kids 6 to 9 years old. Series Overview: The DK findout! series helps kids ages 6–9 become experts on their favorite subjects—from dinosaurs to Ancient Rome to computer coding. Each book focuses on a specific topic and makes learning fun through amazing images, stimulating quizzes, and cutting-edge information kids are eager to know. [DKfindout! Universe](#) - DK 2018-09-04 Supporting STEM-based learning, this fact-filled book for kids ages 6-9 is the ultimate guide to stars, black holes, and other mysteries of outer space. Entertaining and educating young readers through a combination of deep-space photography, cutaways and illustrations, quiz questions, and quirky trivia facts, it's the perfect book for any kid looking to expand their universe. What is spaghettification? Which planet in our solar system has the most moons? What are NEOs, and why do scientists track them? Find out the answers to these questions and more in DKfindout! Universe, which features

photographs of planets, galaxies, and stars found throughout space. Detailed cutaways reveal the interior of astronomical oddities like Jupiter's massive molten core, while "fact files" provide a closer look at the planets in our solar system, indexing each planet based on diameter, number of moons, and distance from the sun. From gas giants to spiral galaxies and everything in between, DKfindout! Universe captures the mysteries of space in a unique and fun way. Vetted by educational consultants, the DKfindout! series drives kids ages 6-9 to become experts on more than 30 of their favorite STEM- and history-related subjects, whether Vikings, volcanoes, or robots. This series covers the subjects that kids really want to learn about—ones that have a direct impact on the world around them, like climate change, space exploration, and rapidly evolving technology-making learning fun through amazing images, stimulating quizzes, and cutting-edge information. The DKfindout! series is one that

kids will want to turn to again and again.

Coding Projects in Python - DK 2017-06-06
Python for beginners - you'll learn how to build amazing graphics, fun games, and useful apps using Python, an easy yet powerful free programming language available for download. A perfect introduction to Python coding for kids ages 10 and over who are ready to take the next step after Scratch - all they need is a desktop or laptop, and an internet connection to download Python 3. Using fun graphics and easy-to-follow instructions, this straightforward, visual guide shows young learners how to build their own computer projects using Python. Step-by-step instructions teach essential coding basics like loops and conditionals, and outline 14 fun and exciting projects. Included is a script that cracks secret codes, a quiz to challenge family and friends, a matching game, and more. When they feel more confident, kids can think creatively and use the tips and tricks provided to personalize and adapt each project. The simple,

logical steps in Coding Projects in Python are fully illustrated with fun pixel art and build on the basics of coding. Kids will eventually have the skills to build whatever kind of project they can dream up - the only limit is your imagination! Create, Remix and Customize! Create crazy games, crack fiendish codes, and compose crafty quizzes with this amazing collection of Python projects. Suitable for beginners and experts alike, Coding Projects in Python has everything enthusiastic coders need. Follow the simple steps to learn how to write code in this popular programming language and improve your programming skills, while you learn to create, remix, and customize your own projects. The material in this educational book is example based and the colors and humor keep children engaged while they learn to code. If your child is ready for the next step after mastering Scratch, this is the book to get! Inside this guide, you will learn about: - Starting with Python and first steps - Creating cool graphics

and playful apps - Getting acquainted with games in Python Supporting STEM education initiatives, computer coding teaches kids how to think creatively, work collaboratively, and reason systematically, and is quickly becoming a necessary and sought-after skill. DK's computer coding books for kids are full of fun exercises with step-by-step guidance, making them the perfect introductory tools for building vital skills in computer programming. Coding Projects in Python is the third in an awesome coding book series for kids. Add Coding Projects in Scratch and Coding Games in Scratch to your collection.

DKfindout! Solar System - DK 2016-09-06

Part of an award-winning book series for children, this is the ultimate guide to our magnificent solar system and the astronauts who explore it. An entertaining, educational adventure for young readers. Engage the senses through vivid deep-space photography, cutaways and illustrations, quiz questions, and quirky fun facts. It's the perfect book for any kid who can't

get enough of outer space! Supporting STEM-based learning, this fact-filled book for kids is perfect for ages 6–9 and contains key curriculum information. Although, age is but a number, don't let our recommendations put you off enjoying this absolute masterpiece of extraordinary astronomy! This kids educational book is so much more than just another book about space. It allows children to discover the mysteries of asteroids hurtling through space, comets lighting up the sky, and the biggest star in our glorious solar system, the Sun. It also explores the steps we've taken to study outer space, like launching the International Space Station. Not to mention the exquisite photographs of nearby planets, stars, and astronomical bodies and stunning details on each of Earth's neighboring planets, including fascinating facts about their moons, mineral makeup, and more. While it's packed with a lot of information, it is presented in a way that can be read in snippets that are appropriate to any

level of understanding and you can return to it over and over again to enjoy the majestic beast that is outer space in more detail. Vetted by educational consultants, the DKfindout! series drives kids ages 6–9 to become experts on more than 30 of their favorite STEM- and history-related subjects. Find out Amazing Facts About Our Solar System! What is the weather like on Jupiter? Which planet is the hottest? What are Saturn’s remarkable rings made of? How long would it take to get to Pluto? Find out the answers to these questions and more in DKfindout! Solar System. This incredible book is packed with surprising facts and amazing pictures that are simply put, out of this world! From comets to craters, this book captures the beauty of our celestial system as best as one can without going into space itself. Explore the world of astronomy and travel our solar system as we know it today: -Explore Mars, Jupiter, Saturn and Pluto -Learn about Space rocks, ice giants, and an asteroid belt -Adventure through

space ages, meet alien hunters and go beyond the solar system! Dkfindout! Solar System is one title in the Dkfindout! series of educational books for kids, and Silver award winner in the MadeForMums Awards 2017 children's books series category. Kids around the world are obsessed with this gorgeous collection, so much so that a range of massive DKfindout! posters for bedroom walls are sold separately. Add to your collection and nurture your little one's interest in the world. Other titles include DKfindout! Birds, Castles, Climate Change, Pirates, Coding, Ancient Egypt, Engineering, Reptiles and a whole lot more!

Energy - Dorling Kindersley Publishing Staff
2018-07-02

A perfect introduction to energy, this fact-packed book teaches children all about energy and how it works. From electricity and light, to heat and sound, learn how different types of energy are part of everything we do. Discover how a rainbow is made, what renewable energy

is, and meet an energy expert. Filled with exciting information, simple science, and colourful illustrations, DKfindout! Energy brings energy to life. With key topics, such as conductors and insulators and fossil fuels, broken down into bite-sized chunks, the information is easily digestible and great for beginners. The DKfindout! series introduces children to a range of exciting topics in a fun, engaging way. Checked by specialist consultants and an educational expert this is not only a source of information you can trust, but one that is age-appropriate and supportive of schoolwork. Ranging from core topics, to more specialised subjects, the DKfindout! series will inspire and delight kids. Books you may also enjoy from the DKfindout! series include DKfindout! Coding, DKfindout! Engineering and DKfindout! Science. Mayans, Aztecs and Incas - DKfindout! - Brian Williams 2018

Find out about the incredible ancient civilizations of the Americas, right up until the

Spanish conquest. Discover the monumental pyramids and mountain cities of the Maya, Inca, and Aztec people. Explore the sites of Chichen Itza, Machu Picchu, and Tenochtitlan, learn the pictures of the Mayan language, unearth the history of chocolate, and find out how naughty children were punished with chillis! Peer into the past with amazing illustrations, see some of the most impressive ancient structures in the world, and stock up on facts to amaze your friends with. Packed with information, artefacts, and colourful illustrations, DKfindout! Maya, Incas, and Aztecs brings their worlds to life. The DKfindout! series introduces children to a range of exciting topics in a fun, engaging way. Checked by specialist consultants and an educational expert, this is not only a source of information you can trust, but one that is age-appropriate and supports your child's schoolwork. Books you may also enjoy from the DKfindout! series include DKfindout! Ancient Egypt, DKfindout! Ancient Rome and DKfindout!

Stone Age.

DKfindout! Dinosaurs - DK 2016-09-06

Supporting STEM-based learning, this fact-filled book for dinosaur lovers ages 6-9 is the ultimate guide to all sorts of long-lost creatures from across the globe, entertaining and educating young readers through a combination of close-up images, quirky trivia facts, quiz questions, and fascinating tidbits on everything from Triceratops to Stegosaurus. When did dinosaurs die out? What does a Pachycephalosaurus look like and how thick is its skull? How many pounds of meat could a Tyrannosaurus rex swallow at once? Find out the answers to these questions and more in DKfindout! Dinosaurs, which features photographs of dinosaur fossils alongside computer-generated images of what each species might have looked like when it was alive. This book teaches young paleontologists about the entire reign of dinosaurs, from the Triassic to the Cretaceous, as well as the types of dinosaurs that lived during each specific time

period. Along the way, readers will discover the diets and hunting habits of different dinosaurs, learn how their bones turned into fossils, and find out how birds and reptiles are distantly related to dinosaurs. Vetted by educational consultants, the DKfindout! series drives kids ages 6-9 to become experts on more than 30 of their favorite STEM- and history-related subjects, whether Vikings, volcanoes, or robots. This series covers the subjects that kids really want to learn about-ones that have a direct impact on the world around them, like climate change, space exploration, and rapidly evolving technology-making learning fun through amazing images, stimulating quizzes, and cutting-edge information. The DKfindout! series is one that kids will want to turn to again and again.

Solar System - Sarah Cruddas 2016-07

Explore the far edges of space with an out-of-this-world lift-the-flap book! Packed with stunning illustrations and fascinating facts about

the planets, stars, comets and satellites that surround us. Lift the flaps on every page to discover more about our neighbours in the amazing Solar System.

The Story of Coding - James Floyd Kelly
2017-06-01

Learn about the history of coding and computers in DK Reader The Story of Coding. Young readers will find out what coding is, how it developed, and how modern codes are used for everyday purposes. DK's innovative range of levelled readers combines a highly visual approach with non-fiction narratives that children will love reading. DK Reader The Story of Coding is a level 3 reader, Beginning to Reading Alone, with intriguing facts, from Charles Babbage and Ada Lovelace's first steps in computer programming to today's wide variety of coding languages and their uses, and the impact of the Internet and apps on programming. There's a message in ASCII for readers to decode, plus tips for writing their own

code with child-friendly Scratch programming. Explore the world of coding with DK Reader The Story of Coding, includes facts kids will love reading.

DKfindout! Robots - Nathan Lepora 2018-01-16
This fun, fact-filled book for kids ages 6-9 guides readers through the science behind the abilities of life-like robots, and how these humanoids might become even more advanced in the future. Supporting STEM-based learning and educating young readers through a combination of close-up images, quirky trivia facts, quiz questions, and fascinating tidbits, it's the perfect book for any reader who can't get enough of robots. When were robots first dreamed up? What does an industrial robot do? How do robots sense the world around them? Find out the answers to these questions and more in *DKfindout! Robots*, which features photographs of drones, automata, and other machines from all around the world. Readers will learn about the different types of robots and the famous engineers who

created them, and gain insight into how robots think and learn through illustrated charts, diagrams, and blocks of coding language. From the industrial and medical fields to entertainment and home security, kids will discover the many ways robots can improve our lives-and our futures-as they read DKfindout! Robots. Vetted by educational consultants, the DKfindout! series drives kids ages 6-9 to become experts on more than 30 of their favorite STEM- and history-related subjects, whether Vikings, volcanoes, or robots. This series covers the subjects that kids really want to learn about-ones that have a direct impact on the world around them, like climate change, space exploration, and rapidly evolving technology-making learning fun through amazing images, stimulating quizzes, and cutting-edge information. The DKfindout! series is one that kids will want to turn to again and again.

DKfindout! World War I - Brian Williams
2018-01-16

Celebrating the 100th anniversary of the end of WWI, Findout! dicusses the build-up to the war, along with battles, history, technology, and more. Explore pre-war Europe, the US's entry into World War I, the role of women during the War, the technology developed, tanks and artillery, intelligence, espionage, propaganda, and much more. Become an expert on World War I and learn all about the key events that would shape the world. Read about the conditions that made a world war inevitable, and who the key players were. Written by an expert in the field, DK findout! World War I is a perfect addition to any home, school, or classroom library.

Robots - Nathan Lepora 2018-01-02

Kids get an up-close look at all kinds of cool robots, from cyborgs and humanoids to robots in movies, with amazing images and mind-blowing facts. DKfindout! Robots will satisfy any child who is eager to learn - and keep them coming back for more! Age Range- from 6 years to 9

years

DKfindout! Earth - DK 2017-11-14

Discover the structure of the Earth, from its red-hot inner core to the mountains, deserts, and oceans that cover its surface. Learn why we have seasons, how the water cycle works, and why our population is growing. What is Earth? Why do we need soil? DK findout! Earth presents key geography facts in a fun and exciting way so young readers can dive into the wonders of planet Earth. From earthquakes to mountains, volcanoes to rivers, and ecosystems to the rock cycle, this book tackles core curriculum and STEAM topics with content that is accessible and appropriate for children 6–9 years old. Series Overview: The DK findout! series helps kids ages 6–9 become experts on their favorite subjects—from dinosaurs to Ancient Rome to computer coding. Each book focuses on a specific topic and makes learning fun through amazing images, stimulating quizzes, and cutting-edge information kids are eager to know.

The Official ScratchJr Book - Marina Umaschi Bers 2015-10-01

ScratchJr is a free, introductory computer programming language that runs on iPads, Android tablets, Amazon tablets, and Chromebooks. Inspired by Scratch, the wildly popular programming language used by millions of children worldwide, ScratchJr helps even younger kids create their own playful animations, interactive stories, and dynamic games. The Official ScratchJr Book is the perfect companion to this free app and makes coding easy and fun for all. Kids learn to program by connecting blocks of code to make characters move, jump, dance, and sing. Each chapter includes several activities that build on one another, culminating in a fun final project. These hands-on activities help kids develop computational-thinking, problem-solving, and design skills. In each activity, you'll find: -Step-by-step, easy-to-follow directions -Ways to connect the activity with literacy and math

concepts -Tips for grown-ups and teachers
-Creative challenges to take the learning further
By the end of the book, kids will be ready for all sorts of new programming adventures! The ScratchJr app now supports English, Spanish, Catalan, Dutch, French, Italian, and Thai.

Coding - Dorling Kindersley Publishing Staff
2017-07-03

Silver award winner in the MadeForMums Awards 2017 children's books series category. DKfindout! Coding explains coding clearly for children with beautiful photography, lively illustrations, and key curriculum information. The DKfindout! series will satisfy any child who is eager to learn and acquire facts - and keep them coming back for more! DKfindout! Coding is packed with up-to-date information and fun quizzes, while key curriculum text tells children why we use code, how computers use code and covers the history of coding from early computer programming languages to Python and Scratch. Learn about coding pioneers Ada Lovelace and

Alan Turing and how codes have been used throughout history. DKfindout! Coding will surprise and delight young readers.

Earth - Maryam Sharif-Draper 2017

Silver award winner in the MadeForMums Awards 2017 children's books series category. Find out all about the wonders of planet earth! DKfindout! Earth takes kids close to the all the wonders our planet holds with beautiful photography, lively illustrations, and key curriculum information. The DKfindout! series will satisfy any child who is eager to learn and acquire facts - and keep them coming back for more! Find out all about the structure of the Earth, from its red-hot inner core to the mountains, deserts, and oceans that cover its surface. Discover why we have seasons, how the water cycle works, and why our population is growing. DKfindout! Earth is packed with up-to-date information, fun quizzes and incredible images of earth. DKfindout! Earth will surprise and delight young readers aged 6 to 9.

DKfindout! Sharks - DK 2017-01-10

Supporting STEM-based learning, this fact-filled book for shark aficionados ages 6-9 is the ultimate guide to sharks, from hammerheads to great whites. Entertaining and educating young readers through a combination of close-up images, quirky trivia facts, quiz questions, and fascinating tidbits, it's the perfect book for any kid who can't get enough of these ferocious fish. Which shark species can live for 400 years? Why do some sharks glow in the dark? What was the biggest shark of all time? Find out the answers to these questions and more in DKfindout! Sharks, which features stunning wildlife photography of sharks in their native environments, throughout every stage of their life cycles. The book explains what separates sharks from other kinds of fish, introducing readers to more than 50 shark species from

around the world and giving habitat and growth statistics for each one. With an eye to conservation, DKfindout! Sharkspotlights endangered shark species and offers advice for preserving ocean habitats, making it the perfect choice for eco-conscious kids looking to learn more about this amazing underwater world. Vetted by educational consultants, the DKfindout! series drives kids ages 6-9 to become experts on more than 30 of their favorite STEM- and history-related subjects, whether Vikings, volcanoes, or robots. This series covers the subjects that kids really want to learn about—ones that have a direct impact on the world around them, like climate change, space exploration, and rapidly evolving technology—making learning fun through amazing images, stimulating quizzes, and cutting-edge information. The DKfindout! series is one that kids will want to turn to again and again.