

## The Rock And Gem Book And Other Treasures Of The Natural World

Crystal & GemRocks Gems and Minerals for Kids Facts Photos and Fun Childrens Rock Mineral Books EditionThe Complete Book of Rocks and MineralsModern Rockhounding and Prospecting HandbookRock and Fossil HunterGemGem Trails of Southern CaliforniaGemstonesMy Book of Rocks and MineralsDK Adventures: Awesome RocksThe Obsidian MirrorRocks, Gems, and Minerals of the Rocky MountainsGemstones of the WorldThe Rocking Book of RocksAmateur Gemstone Faceting Volume 2Basher Science: Rocks and MineralsA Guide to Finding Gemstones, Gold, Minerals & RocksThe Rock and Gem BookKlutz Jr. : My First Rock and Gem CollectionGeology Lab for KidsThe Rock and Gem Book: A Visual Encyclopedia of the Earth's TreasuresMy Little Book of Rocks, Minerals and GemsPocket Genius: Rocks and MineralsWatcher Guide: Rocks, Minerals and GemsThe Encyclopedia of Rocks, Minerals, and GemstonesThe New Children's EncyclopediaCollecting Rocks, Gems and MineralsRocks, Fossils, Minerals and GemsNational Geographic Pocket Guide to Rocks and Minerals of North AmericaGem Trails of WashingtonKlutz Maker Lab: Rocks, Gems and GeodesThe Firefly Guide to Minerals, Rocks and GemsCrystal's QuestExplanatorium of NatureRockhounding IdahoRocks and MineralsA Rock Is LivelyThe Rock and Gem BookBasher Science: Rocks and MineralsRock and Gem

### Crystal & Gem

From the award-winning creators of *An Egg Is Quiet*, *A Seed Is Sleepy*, and *A Butterfly Is Patient* comes a gorgeous and informative introduction to the fascinating world of rocks. From

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dazzling blue lapis lazuli to volcanic snowflake obsidian, an incredible variety of rocks are showcased in all their splendor. Poetic in voice and elegant in design, this book introduces an array of facts, making it equally perfect for classroom sharing and family reading. Plus, this is the fixed format version, which looks almost identical to the print edition.

## Rocks Gems and Minerals for Kids Facts Photos and Fun Childrens Rock Mineral Books Edition

Simon Basher is back with another zany primer to science! Following his 3 successful titles on the basics of chemistry, physics, and biology, **BASHER SCIENCE: ROCKS AND MINERALS** is an in-depth look at the ground beneath our feet. Like his other titles, Basher presents these topics through charming and adorable illustrations and pairs them with basic information told from a first person perspective. He develops a community of characters based on the things that form the foundations of our planet: rocks, gems, crystals, fossils and more. And what's more, he makes it understandable, interesting, and cute. It's not what you expect out of a science primer.

## The Complete Book of Rocks and Minerals

This stimulating and comprehensive encyclopedia for children ages 8-12 provides answers to all the questions kids love to ask. Each chapter is jam-packed with maps, charts, timelines, diagrams, beautiful images, and amazing facts. Did you know, for example, that a single drop of blood contains around five million blood cells? Or that there are areas of desert in all seven of Earth's continents? Kids can build their knowledge on a wide range of topics-including Earth and beyond, plants and animals, history and politics, science, technology, and the human body-arranged thematically with more

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than 9,000 indexed entries and 2,500 colorful images. Cross-reference icons encourage children to explore and discover linked information, feeding their curiosity and building their general knowledge. The New Children's Encyclopedia, which has sold almost 500,000 copies worldwide since 2009, has now been fully updated in line with the latest knowledge and research. Developed, written, and checked by experts, this is the must-have reference book for every child's library.

## Modern Rockhounding and Prospecting Handbook

A children's visual reference that explains what rocks and minerals are, how they form, and how they're used, and even highlights record breakers and myths. My Book of Rocks and Minerals is filled with fascinating facts about and amazing images of rocks, minerals, gems, and fossils from the deepest caves to outer space. Features introduce different categories, from diamonds to quartz to glow-in-the-dark minerals and space rocks, and illuminating images provide a closer look and show amazing geological formations. Kids can take their fascination even one step further and use the catalog and activity pages and checklist to help them collect and group rocks and discover how different rock types fit into the world around them. Colorful and informative, My Book of Rocks and Minerals gives kids the expert knowledge they crave and will have them digging deep to discover all they can about rocks, minerals, gems, and fossils.

## Rock and Fossil Hunter

Published in association with the Smithsonian Institution, this lavishly illustrated volume provides a close-up look at the world's diverse rocks and gems, covering more than 450 different specimens, along with detailed descriptions, identification tips,

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classification information, and practical advice on gem and rock collecting.

## Gem

Amateur faceter Tom Herbst helps you expand your faceting horizons. You will learn about the optics and mathematics behind the magic of gemstones. Subsequent chapters on the properties and treatment of common gem materials will help you identify and make the most of your valuable rough.

## Gem Trails of Southern California

The Earth is home to hidden gems, rocks and other natural wonders. This workbook will showcase some of them in the hopes of inspiring the young to learn. By making this book very attractive, a child will learn to love and reap the benefits of reading. Secure a copy today!

## Gemstones

Follow in the footsteps of successful gem and gold hunters and search the hills for rough diamonds, colored gemstones, lapidary minerals, precious metals and interesting minerals and rocks. Written for the geoscientist, prospector and rockhound; the first part of the book focuses on physical characteristics of gems and minerals. This is supplemented with the second part of the book that describes dozens upon dozens of colored gem, diamond, gold, mineral and rock localities using the Public Land Survey System and GPS coordinates so the reader can visit these sites on a home computer with aerial and satellite imagery to gain an understanding of what to look for in the field. With these same coordinates, the reader can visit some occurrences, deposits and areas suggested for

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prospecting to further their gem hunter prospecting education and potentially lead to new discoveries. Now you can learn what to look for when searching for Mother Nature's treasure.

## My Book of Rocks and Minerals

Learn everything you ever wanted to know about rocks and minerals in this stunning book. Discover space rocks, gemstones, metals, volcanoes, world wonders and more. With out-of-this-world artwork from Anna Alanko and expert content written by two geologists, this is the book all rock-crazy kids need.

## DK Adventures: Awesome Rocks

Step-by-step Questions and Answers with detailed color photographs for easy identification. The Firefly Guide to Minerals, Rocks and Gems is designed for easy and reliable identification of minerals, gems and rocks. The identification process begins with the stone's streak color, which is how the book is organized: Blue, Red, Yellow, Brown, Green Black and White. Using a sequence of straightforward questions and answers -- aided by over 1,000 photographs and drawings -- the book narrows down the possibilities among 350 minerals, gems and rocks to reach the conclusive classification. Identification is then further narrowed down with respect to Crystal form, Hardness, Luster, Density, Cleavage, Break and Tenacity. Each rock's main photograph shows the general or typical view, and identification tips about features are noted in the margins of the respective page. Similar stones are presented for comparison and tips are provided that can eliminate imposters. Drawings show the mineral's crystal shape. The chemical formula reveals the elements from which the mineral is composed. There is also information about where the stone is typically found and some of the ways that humans have utilized it. Packed with

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beautiful photographs of earth's many rocks, minerals and gems, The Firefly Guide to Minerals, Rocks and Gems is perfect for amateur mineralogists and collectors.

## The Obsidian Mirror

Text and photographs examine the creation, importance, erosion, mining, and uses of rocks and minerals.

## Rocks, Gems, and Minerals of the Rocky Mountains

The definitive guide to rocks, minerals and gems, this title includes an introduction to rocks and minerals and how they form, and a quick guide to what you need and where to look. There is also a complete guide to identifying rocks and minerals and everything you need to know to start a collection. Packed with fun facts and practical activities, this book also features high-definition colour photography and data keys that show key qualities of each rock and mineral in extraordinary detail. □ The ultimate guide to help you identify hundreds of rocks, minerals and gems □ The only equipment you'll need is a backpack, smart phone and some good walking shoes □ Fascinating facts provide extra information on how rocks form and where to find them □ Data boxes provide short facts to help you quickly identify each rock's properties □ Written by an award-winning author

## Gemstones of the World

Profiling nearly 200 types of rocks and minerals from volcanic rocks and granite to sparkling diamonds and explosive sulfur, DK's Pocket Genius: Rocks and Minerals digs deep beneath the surface, informing young readers what each rock is made of, how they are formed and what they are used for, how to be a rock collector, and

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how to identify rocks and minerals. Also highlighting landmarks such as Devils Tower, Giant's Causeway, and Shiprock Pinnacle, this Pocket Genius title shows how rocks and minerals play a part in the formation of each. Catalog entries packed with facts provide at-a-glance information, while locator icons offer immediately recognizable references to aid navigation and understanding, and fact files round off the book with fun facts such as record breakers and timelines. Each mini-encyclopedia is filled with facts on subjects ranging from animals to history, cars to dogs, and Earth to space and combines a child-friendly layout with engaging photography and bite-size chunks of text that will encourage and inform even the most reluctant readers.

## The Rocking Book of Rocks

Three Guides in One! Identification, Values, Lapidary Uses  
Designed with beginners in mind, yet filled with valuable technical information for advanced collectors, *Collecting Rocks, Gems and Minerals* takes you from being just someone who appreciates rocks to a true "collector." □ Easy-to-use, quick reference format arranged by category and color of stone □ Covers both lapidary and mineral display materials □ Provides values and tips for locating, buying and collecting □ Includes organics such as amber, bone, coral, pearl and shell □ Lists chemical group, system, hardness, opacity, fracture, specific gravity and more □ Contains more than 650 full-color photos □ Foreword by Johann Zenz, world renowned agate expert, author and lecturer

## Amateur Gemstone Faceting Volume 2

The colourful rocks you explore with this kit will open up the world of earth science and geology! Kick-start your very own rock collection with the 36 stones. Then use the included crystal powder

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and mold to grow a geode formation. Collect rocks and conduct experiments, such as a scratch test and float test, to discover their hidden properties. You'll even learn how to make your very own rock tumbler. Use the fact-filled book to keep exploring the world around you! Comes with: 36 rocks, display tray, crystal powder, geode mold, plaster, magnifying glass

## Basher Science: Rocks and Minerals

What is the difference between a rock and a gem? What makes the Hope Diamond so special? Why are some minerals fluorescent? Dig deep to find the answers in *The Rock and Gem Book*. Filled with over 1,200 stunning full-color photographs, *The Rock and Gem Book* is the perfect encyclopedia for young geologists to consult. Chapters are organized according to scientific classifications with straightforward explanations that bring each specimen to life. From the quartz in watches to the limestone in the Great Pyramids, the earth's natural treasures are used in architecture, art, and science. Get up close to diamonds, rubies, pearls, and sapphires, and study the different types of rocks, from granite to meteorites. Designed in DK's signature style, the pages are filled with highly visual spreads that show off the depth and unique quality of each gemstone, rock, and fossil. See the past with fossils, learn about the ocean through shells, and find out what makes gold so special in *The Rock and Gem Book*.

## A Guide to Finding Gemstones, Gold, Minerals & Rocks

*Rocks, Gems, and Minerals of the Rocky Mountains* is a field guide to more than 130 of the most common and sought-after rocks, gems, and minerals hidden throughout the Rocky Mountains. Conveniently sized to fit in your pocket and featuring full-color, detailed photographs, this informative guide makes it easy to

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identify rocks in your backyard and beyond. Also included is an introduction that covers fundamental geology information and interesting facts. This is the essential source when you're out in the field, both informative and beautiful to peruse.

## The Rock and Gem Book

A comprehensive introduction explains how and where to find rocks and minerals, and makes identification of specimens simple.

## Klutz Jr. : My First Rock and Gem Collection

The first comprehensive rock, mineral and fossil collecting guide of its kind for Washington State. Features over 75 of the best locales throughout the state. Maps, site photos, and descriptive text, with GPS coordinates, and access info. guide rockhounds to interesting mineral locations. A full color insert of specimens, glossary, lists of rock & mineral clubs, and mineral locator index make this book an indispensable tool for Washington collectors.

## Geology Lab for Kids

## The Rock and Gem Book: A Visual Encyclopedia of the Earth's Treasures

Gem is a dazzling visual guide to precious stones, organic gems, and precious metals that weaves together beautiful, specially commissioned images and science, natural history, mythology, and true stories of adventure and discovery. From diamonds to sapphires to limestone, this comprehensive guide profiles all the key gemstones and other precious materials, and stunning images show the jewels in their different cuts, colors, and uses. The stories,

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myths, and legends that surround the most celebrated gems and jewel-laden artifacts from around the world are revealed, from their journeys in the company of royalty, film stars, and thieves to the curse of the Hope Diamond. Additionally, a reference section at the end of the book highlights a variety of other rocks and non-precious stones. Created in association with the Smithsonian Institution, Gem combines stunning photographs with expert knowledge, making it perfect for gift giving.

## My Little Book of Rocks, Minerals and Gems

A complete guide to Idaho's best sites for collecting rocks, minerals, gems, crystals, fossils, and gold.

## Pocket Genius: Rocks and Minerals

The Rock and Gem Book is packed full of photos of natural wonders, including rocks, minerals, gems, shells and fossils. This children's encyclopedia displays more than 1,200 full-colour specimens, from sapphires and rubies to silver and pearl, revealing the unique qualities of each material and how it is used in industry, architecture, art and science. Including precious metals, rare fossils, tiny gemstones and giant shells, The Rock and Gem Book gives a complete overview of the Earth's naturally occurring marvels and the beautiful objects created from them.

## Watcher Guide: Rocks, Minerals and Gems

A beginner's field guide to North American geology identifies common rocks, minerals, gems, fossils, and land formations.

## The Encyclopedia of Rocks, Minerals, and Gemstones

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## The New Children's Encyclopedia

Geology Lab for Kids features 52 simple, inexpensive, and fun experiments that explore the Earth's surface, structure, and processes. This family-friendly guide explores the wonders of geology, such as the formation of crystals and fossils, the layers of the Earth's crust, and how water shapes mountains, valleys, and canyons. There is no excuse for boredom with a year's worth of captivating STEAM (Science, Technology, Engineering, Art & Math) activities. In this book, you will learn: - How to identify the most common rocks and minerals - How to maintain and display your rock collection - How insects are trapped and preserved in amber - How geysers and volcanoes form and erupt - How layers of rock reveal a record of time - How to pan for gold like a real prospector Geology is an exciting science that helps us understand the world we live in, and Geology Lab for Kids actively engages readers in simple, creative activities that reveal the larger world at work.

## Collecting Rocks, Gems and Minerals

Sharp and funny, K.D. Keenan has inherited the mantle of stalwarts Patricia Briggs and Kim Harrison, and *The Obsidian Mirror* is a masterpiece of thrills for every fantasy reader. When Sierra Carter, an out-of-work PR executive, receives a call from Quetzalcoatl, the plumed serpent god of the Aztecs, she suddenly has more problems on her plate than unemployment. Saving the whole planet, for example. Sierra discovers that her former employer's semiconductors are in reality a means of spreading a deadly evil around the world. Necocyaotl, Aztec god of death and destruction, has imbued his essence within every device, causing people to place their self-interest and selfish desires above all else. Sierra is called upon to stop him. With his request, Quetzalcoatl offers strange and

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gifted assistants, Coyotl the trickster, otherwise known as Chaco, a handsome shape-shifting avatar; and Fred, a diminutive and mischievous mannegishi. Although Sierra is skeptical, the revelation of a previously unknown world and its attendants is undeniable. As is the peril Necocyaotl's return to power promises. Entering the fray with avatars and mythological creatures alongside her, Sierra will discover there are incalculable wonders and dangers within the new Old World.

## Rocks, Fossils, Minerals and Gems

Gemstones are more than just pretty rocks. These stones serve a purpose far beyond jewelry or decoration! In this book, beautiful photos and interesting text combine to create a fascinating glimpse into the world of gemstones. Many special features turn this into a stand-out introduction to the subject, including a gemstone profile, comparison features, a formation diagram, and an activity. The text, photos, and features combine to create an engaging read sure to strike readers' interest in gemstones!

## National Geographic Pocket Guide to Rocks and Minerals of North America

Crystal loves rocks and gemstones and her beagle buddy, Noodle. Noodle hates peas and loves Crystal. Together, Crystal and Noodle meet and support new friends like Quackers the duck, Bandit the goat, and Squawk (a very loud parrot). Crystal uses her knowledge of rocks and gemstones and selects the perfect gemstone to help everyone she meets. What gemstone will she choose next? The Crystal Rocks series is perfect for young readers ages 8-10.

## Gem Trails of Washington

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Rocks, minerals, and gemstones have fascinated people throughout the ages. They have been used as building materials, decoration, and have often been attributed special powers. This book, arranged in alphabetical format, describes 288 different rocks, minerals, and gems. Each entry includes beautiful color photographs, locations, basic facts, and some interesting information about each stone's uses, myths, and legends. Pages are color-coded to indicate whether each substance is a rock, mineral, or gem.

## Klutz Maker Lab: Rocks, Gems and Geodes

From dinosaur fossils to sparkling diamonds and rare minerals to the rocks we find on the ground, this book presents the facts about our natural world, which will amaze and inspire. Split into four chapters and featuring simple, easy-to-understand text, this book is perfect for young explorers.

## The Firefly Guide to Minerals, Rocks and Gems

Detailed maps and descriptive text lead the rock-hound to over 70 of the best sites from San Luis Obispo to the Mexican border.

## Crystal's Quest

Look up close at rocks, minerals and sparkling gems to unravel the clues to classify and identify them. Find out how they were formed, where in the world they're found, and how to start your own rock collection. DK Adventures is a nonfiction series for kids ages 8-11 featuring visually rich theme spreads, and fascinating facts that help kids build their skills in vocabulary, grammar, comprehension, and critical thinking while developing a love of reading. Designed to keep interest high, build knowledge, and enrich the reading experience with fascinating background information, each title in

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the DK Adventures series is filled with information yet eminently accessible, and available in a wide range of kid-favorite topics including rain forests, animals, rocks, and shipwrecks.

## Explanatorium of Nature

Junior gemologists will "dig" learning about rocks and minerals with this beginner's collection. The kit includes 8 polished rock samples, such as turquoise, amethyst, rose quartz, lemon jade, and more PLUS a surprise rock that they will unearth in the dig kit. The field guide introduces easy-to-follow STEM content, including fun facts and jokes. Then go exploring to find rocks from home that you can decorate with the included paint and googly eyes. Comes with: 8 polished rocks and gems, magnifying glass, gem dig kit, wooden chisel, wooden hammer, paintbrush, paint in 4 colors, 6 googly eyes.

## Rockhounding Idaho

This volume gives you the basic tools to transition from "pebble pup" to expert rockhound and explains everything from geology basics, identification tips, tools of the trade, how to record your findings, and how to set up a lab or gem shop. Before you know it, you'll be driving the open roads and traveling home with dusty pockets full of rocks, gems, minerals, fossils—and maybe even gold. Features: \* geology basics \* popular collectibles, including rocks, gems, fossils, meteorites, and gold \* tools of the trade for every level of collector \* rules and regulations \* polishing, preserving, crafting, and displaying your treasures

## Rocks and Minerals

A comprehensive manual of the world's gemstones and includes

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more than 1,400 examples. Opposite each illustration, this text provides a description of the particular stone, including details of the properties and chemical composition which makes the stone unique. It also gives information on location of major deposits, and alternative names.

## A Rock Is Lively

This stunning visual reference for kids explores the natural world in stunning detail and allows young readers to see nature as they never have before, through amazing close-ups and cross-sections, exploded images, X-rays, and more. From fruit to flies, from coral to clouds, from mountains to mammals, this extraordinary new encyclopedia is the perfect tool for curious minds to find out how things work and why they exist, and will keep young readers absorbed with its amazing images that depict and explain the wonders of plants, animals, and the living world around us. Created in association with the Smithsonian Institution, Explanatorium of Nature is a groundbreaking way to explore the science of the natural world around us and is sure to inspire inquisitive young readers.

## The Rock and Gem Book

Become an explorer of the rock & fossil world. Discover the wonderful world of rocks and fossils with more than 30 easy-to-do fun activities, plus stunning pictures and amazing facts.

## Basher Science: Rocks and Minerals

For those with curious minds starting to take note of the world around them, the basic materials from which our planet is made raise a multitude of questions. What are rocks and minerals? Why are there so many different kinds? From the way that rocks are

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formed to identifying gem stones, My Little Book of Rocks provides the answers for budding geologists, using clear, concise text along with full color illustrations and photographs.

## Rock and Gem

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