

## Rocks Minerals Gems

In "Rocks, Minerals, and Gems," readers will learn about hundreds of rocks, minerals, crystals, and gems that were forged by the most powerful events in prehistory. Explore what specimens look like and how they're used today--readers can use the information to identify rocks and minerals themselves and open up a spectacular new world. Find out all about star stones and cat's eyes, megagems, and phantom quartz. Discover which rocks fluoresce, which mineral once poisoned an emperor, and which gems are the rarest in the world! Features a beautiful cover with special effects!

"Find adventure! Go outside! Have fun! Be a rock hound!"--Cover.

Shows and describes different kinds of rocks and minerals, and tells how to identify rocks by testing for hardness, streak color, and density

Rocks, Gems, and Minerals of the Southwest is a field guide to more than 100 of the most common and sought-after rocks, gems, and minerals hidden throughout the Southwest. Conveniently sized to fit in your pocket and featuring full-color, detailed photographs, this informative guide makes it easy to 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. 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 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.

Rocks, Gems, and Minerals is a field guide to more than 100 of the most common and sought-after rocks, gems, and minerals hidden throughout North America. Conveniently sized to fit in your pocket and featuring full-color, detailed photographs, this informative guide makes it easy to 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.

Reference and study guide to rocks, minerals, gemstones and prospecting.

Describes mineral and gold locations in geological terms. Illustrated throughout with charts and tables.

A stunning visual reference book for little geologists who love to find fascinating rocks all around them. Identify colorful gemstones, sparkly crystals, the toughest rocks, and ancient fossils. Packed with fun facts, information, and extensive photos all about the rocks and minerals that make up the world around us.

Interactive learning that engages young scholarly minds. Learn about 64 different types of rocks and minerals, how to tell the difference between them and where to find them. Dig into all the interesting geological materials from deep space to the deepest caves. You'll even discover glow in the dark minerals and living gems! Find out about the stuff our world is made of, and how rocks and minerals form over time. This captivating book introduces children to hands-on science with fun activities like starting your own impressive rock collection and how to stay safe on your rock finding missions. Written for kids aged 6 to 9 with bite-sized information and explanations. The easy-to-understand language gives them a rock-solid foundation for science subjects. The geology book includes the phonetic pronunciation of the rock and mineral names so your little one will sound like a rock expert in no time. *Rockin' It With Stones And Minerals* - Stunning high-quality photographs. - Inspiring activities for little Earth scientists. - Over 64 types of rocks, their properties, and how they are formed.

One geologist spent 30 years exploring Wyoming while noting the variety of minerals, rocks and gemstones scattered statewide. During these investigations, Wyoming, which once was considered to be relatively poor in gemstones, soon became known as having the most diversified assemblage of gemstones of any state in the United States. The author discovered dozens of new mineral, gemstone and rock localities, more than a hundred gold anomalies and mapped the largest diamondiferous kimberlite fields in the US and the largest field of lamproites in North America. During these investigations, the author, W. Dan Hausel, discovered some of the largest gemstones and deposits on earth. Now he shares these localities with his readers.

A rockhound's must-have resource! Easy to use and lavishly illustrated, this new and completely revised and expanded edition of *Collecting Rocks, Gems, and Minerals* is designed with beginners in mind, yet filled with valuable technical information for seasoned collectors. This guide takes you from being simply someone who enjoys rocks to a knowledgeable enthusiast in no time and features:

- An easy-to-use, quick reference format arranged by category and color of stone
- 800+ beautiful color photographs
- Values and tips for locating, buying and collecting
- Both lapidary and mineral display materials
- Decades of rock-collecting know-how of the author

Foreword by Johann Zenz, world-renowned agate expert, author and lecturer.

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

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.

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.

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 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 building a collection. Packed with fun facts and practical ..... This volume contains 53 of the best sites in the North Carolina area with detailed maps and GPS coordinates. The book also contains information on restrictions and fees.

Rocks, Minerals, and Gems Scholastic

A new edition of the clearest, most authoritative guide to gemstones you will find. From Amber to Rubellite, discover over 130 varieties of cut and uncut stones, organic gemstones and precious metals. 800 incredible photos, precise annotations and detailed descriptions, including everything from gemstone shapes to their composition, will help you to identify different stones quickly and easily. Covers everything from what a gemstone is and where they occur to the natural properties they have and how they have been fashioned and imitated through the ages. Perfect for gemstone lovers and a comprehensive guide for collectors.

Formerly titles "Rocks and Minerals" this handbook includes information on collecting and identifying minerals, sections on metallic, nonmetallic, gem and rock-forming minerals, and descriptions of igneous, sedimentary and metamorphic rocks.

A comprehensive manual of the world's gemstones and includes 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.

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!

The ultimate identification guide to hundreds of rocks, minerals and gems.

Definitive compact guide to rocks, minerals, crystals and gemstones - for every rockhound and budding gemmologist! From primeval origins to their astonishing modern-day uses and appeal, this is the ultimate portrait of Earth's buried treasures - rocks, minerals, crystals and gems - produced in association with the Smithsonian Institution. Learn how to identify more than 450 rock and mineral specimens through stunning photographs and detailed characteristics. Discover more about your finds through folklore and historical artefacts, and find out the fascinating stories behind the world's natural treasures; from the Hope diamond to the Great Mogul emerald. Plus, pick up practical advice on rock and mineral collecting, including how to cut, polish and display your finds.

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.

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

Introduces rocks and minerals, including how rocks are formed, meteorites crash to Earth, and plants and animals are fossilized.

From glittering gemstones to fascinating minerals and fossils, this incredible reference book is a stunning celebration of the Earth's buried treasures.

Innovative, specially commissioned photography captures the essence and beauty of over 450 superb specimens, while lively and informative text describes the characteristics of each and its unique and changing relationship to humankind through the ages. Organized by rock classes and chemical groups, each rock, mineral and fossil entry contains a photograph of the specimen together with lively, wide-ranging text describing its qualities and history of use. In addition, a detailed, at-a-glance reference panel provides key data for identification and classification.

Get ready to get your hands dirty with Gems. With its reader-friendly and interactive approach, this title covers key curriculum Earth science topics in an engaging way. This title explores the natural processes, how geologists study gems, and how gems relate to the reader's daily life. Aligned to Common Core Standards and correlated to state standards. Core Library is an imprint of Abdo Publishing Company.

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 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.

**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 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.

Displays rocks, minerals, variant forms, and major gemstones

A whimsically illustrated survey of the earth's rocks and minerals explores some of the many ways they have been transformed into usable materials from talcum powder to silver jewelry, in a reference complemented by a bonus activity suggestion.

**DIV Rocks, Gems, and Minerals of the Southwest** is a field guide to more than 100 of the most common and sought-after rocks, gems, and minerals hidden throughout the Southwest. Conveniently sized to fit in your pocket and featuring full-color, detailed photographs, this informative guide makes it easy to 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. /div  
With a contemporary design, fun information, and engaging images, the books in the A-Z series are the perfect first guides to popular non-fiction topics.

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.

Explore volcanic rocks, shiny gemstones, colorful minerals, ancient marble, and fallen meteorites and find out how they all came to be. From rough rocks to glittering crystals and everything in between, this stunning collection of facts and photos leaves no stone unturned. Did you know that every rock is a combination of one or more minerals? And that marble was first used in ancient Greece but still forms deep underground as you read this? Or that vibrant paints can be



made from minerals, while some precious metals can grow in twisting shapes? Almost 20,000 meteorites land on our planet every year, but what does a space rock actually look like? Find out how to spot minerals and fossils, discover how crystals grow, and what you need to start your own collection. Part of the best-selling Eyewitness series, which is now getting an exciting makeover, this popular title has been reinvigorated for the next generation of information-seekers and stay-at-home explorers. New photography makes the rocks and minerals pop, revealing their color and texture, while the text gives all the facts and data to turn budding rock collectors into experts.

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.

Treasures of the Earth From the author of *Collecting Rocks, Gems and Minerals* and one of the leading agate collectors in the world, comes this comprehensive guide to collecting agates and jaspers, the most sought after types of collectible rocks on the market today. Designed with all beginners in mind, yet filled with valuable technical information for advanced enthusiasts, *Collecting Agates and Jaspers* helps rockhounds discover these treasures of North America. • The only book on agates and jaspers to offer values. • Featuring nearly 700 beautiful color pictures, descriptions and technical information, the book provides an easy-to-use, quick reference format perfect for home and field. • Organized by U.S. states and provinces in Canada and Mexico, with introductions pinpointing each area's best spots and what you can find there.

Get the stone-cold facts on rocks! Packed with 29 unique rocks, gems, and minerals, this is the perfect kit to start or expand a rock collection. Build a color-changing light-up display with an agate slice: use it as a lamp, or study the stones up close with the included magnifying glass. Learn fun facts about each rock in the fully colored 32-page book including 6 experiments and activities with easy-to-find ingredients from home. *Need to Know*: 32-page book with details on every rock included, plus 6 additional activities, promotes earth science and the study of minerals. 29 unique rocks, gems, and minerals from rainbow-flecked crystal opal to metallic gold radial pyrite. Use the color changing display light to make a shining crystal agate slice lamp. 3AA batteries not included Comes with: Blue Agate Slice + 28 new rocks, materials to build a display light, magnify glass An introduction to the American Museum of Natural History's collection, and a concise guide to minerals and gems. The book displays 300 specimens from the museum's collection while also explaining the fundamental properties of minerals and gems.

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

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