

Rock Identification Guide For Kids

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Volcanoes - Anne Schreiber 2018-01-01
Photographs and text introduce different kinds of volcanoes, where they are located, how and why they erupt, and other interesting data about volcanoes.

The Rocking Book of Rocks - Florence Bullough 2019-08-06
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.

[Rocks and Minerals](#) - Chris Pellant 1992
Smithsonian Handbooks are the most visually

appealing guides on the natural world in the book marketplace. Featuring more than 500 full-color illustrations and photographs, along with detailed annotations, Smithsonian Handbooks make identification easy and accurate.

Lake Superior Rocks & Minerals Field Guide - Dan R. Lynch 2021-11-16

This must-have guide for Michigan, Minnesota, Wisconsin, and Ontario features full-color photographs and information to help readers identify rocks and minerals. Get the perfect guide to rocks and minerals of the Lake Superior region! With the new edition of this famous guide by Bob Lynch and Dan R. Lynch, field identification is simple and informative. This book features comprehensive entries for 75 rocks and minerals, from common rocks to rare finds. That means you're more likely to identify what you've found. The authors know rocks and took their own full-color photographs to depict the detail needed for identification—no more guessing from line drawings. The entries are

organized by area, so you can find rocks unique to each state or common to all three. The field guide's easy-to-use format helps you to quickly find what you need to know and where to look. Inside you'll find: 75 specimens of the Lake Superior region Quick Identification Guide: Identify rocks and minerals by color and common characteristics Range/occurrence maps to show where each specimen is commonly found Professional photos: Crisp, stunning images This second edition includes updated photographs, expanded information, and even more of the authors' expert insights. With this book in hand, identifying and collecting is fun and informative.

Rocks and Gems - Jaye Garnett 2021-07-20
What is a rock? And what's the difference between a rock, a mineral, and a gem? Kids are sure to discover the answer in this addition to our Smithsonian First Discovery Books! Every page of the board book is filled with interesting facts from the different layers of rocks which

make up the earth, to the identification of precious and semi-precious gems. Do you know why the Hope Diamond's color is named "French Blue"? Learn the answer to that question and more in this fascinating book. Smithsonian Kids books feature engaging and educational content for little learners that reflect the integrity of the Smithsonian. A portion of the proceeds from the sale of this book goes to support the Smithsonian's educational mission. Packed with facts about rock formation, different kinds of rocks, minerals, and gems, and ways to use them all Photographs from Smithsonian Kids are sure to educate and entertain Embossed pictures promote tactile learning This rocks and minerals book is a perfect gift for any child interested in rocks, minerals, and geology Officially licensed Smithsonian Kids product Collect the entire Smithsonian Kids First Discovery Book series!

Michigan Rocks & Minerals - Dan R. Lynch
2010-07-19
Your Must-Have Guide to Michigan's Rocks and

Minerals Get the perfect guide to rocks and minerals of the Great Lake State! This book by Dan R. Lynch and Bob Lynch features comprehensive entries for 96 Michigan rocks and minerals, from common rocks to rare finds. Learn from the fascinating information about everything from Petoskey stone and copper to gold and agates. The easy-to-use format means you'll quickly find what you need to know and where to look. The authors' incredible, sharp, full-color photographs depict the detail needed for identification—no need to guess from line drawings. With this field guide in hand, identifying and collecting is fun and informative.

Geology for Kids - Mary Colgan

Fossils, Rocks, and Time - Lucy E. Edwards 1996

Rocks and Minerals - Nancy Honovich 2016
"Find adventure! Go outside! Have fun! Be a rock hound!"--Cover.

National Geographic Readers: Rocks and

Minerals - Kathleen Weidner Zoehfeld

2012-08-14

From dazzling gemstones to sparkling crystals to molten lava, this brilliantly illustrated book introduces children to the exciting world of rocks and minerals, including both the building blocks and the bling. This level two reader, written in easy-to-grasp text, will help cultivate the geologists of tomorrow! This high-interest, educationally vetted series of beginning readers features the magnificent images of National Geographic, accompanied by texts written by experienced, skilled children's book authors. The inside back cover of the paperback edition is an interactive feature based upon the book. Level 1 books reinforce the content of the book with a kinesthetic learning activity. In Level 2 books readers complete a Cloze letter, or fun fill-in, with vocabulary words. Releases simultaneously in Reinforced Library Binding: 978-1-4263-1039-3 National Geographic supports K-12 educators with ELA Common Core

Resources.

My Book of Rocks and Minerals - Devin Dennie
2017-07-11

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.

The Firefly Guide to Minerals, Rocks and Gems -

Rupert Hochleitner 2019-09

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.

Collecting Rocks, Gems and Minerals - Patti Polk
2010-04-15

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

A Field Guide to Rocks and Minerals - Frederick H. Pough 1996

Describes hundreds of minerals and lists their geographic distribution, physical properties, chemical composition, and crystalline structure.

All about Rocks and Minerals - Lisa Trusiani
2021-12-21

Dig in to a fun first look at rocks and gems for kids ages 3 to 5 From tiny pebbles to huge mountains, rocks are everywhere! And kids will learn all about them with *My First Rocks and Minerals Book*. It's packed full of fascinating facts and photos that help little ones explore 50 impressive stones. They'll discover what each one looks like, what makes it unique, and more. The life of a rock--Start with a brief introduction that explains how rocks are formed, the 3 types of rock, and the difference between rocks, minerals, and crystals. Big, beautiful images--Colorful pictures let kids get up close and personal with all kinds of awesome rocks and gems. Amazing rock facts--Did you know that there's a special stone for the month you were born? Or that sailors believed aquamarine would

protect them at sea? Give curious kids an exciting introduction to geology with My First Rocks and Minerals Book for kids.

Collecting and Identifying Rocks - Geology Books for Kids Age 9-12 | Children's Earth Sciences Books - Baby Professor 2017-03-15

If you think all rocks are the same, then you are wrong. There are different types of rocks. They were formed in various ways so they have different compositions. Earth rocks are identifiers of this planet that is why it is important to have the knowledge of rock identification. Perfect for kids age 9-12, this book is a must-have!

Rock Collecting for Kids - Dan R. Lynch 2018-04
With this book, you'll experience the excitement of finding, collecting, and identifying rocks and minerals.

My Awesome Field Guide to Rocks & Minerals - Gary Lewis 2019-11-12

Everything you need to become a real rock hound! The world of rocks and minerals is

massive, amazing, and full of cool new things to discover! A true identification guide for young geologists, My Awesome Field Guide to Rocks and Minerals helps you learn the skills you need to collect, identify, and catalogue your own treasures. Not only does this book teach you all about rocks and minerals, but it also gives you step-by-step guidelines for testing and determining what kind of rock or mineral you've found. My Awesome Field Guide to Rocks and Minerals even comes with a special notebook section to help you record data in the field. So get out there, gather cool looking samples, and figure out what they are! My Awesome Field Guide to Rocks and Minerals includes: Treasure all around--Amaze your friends and family and show them how you can pick up almost any rock or mineral and figure out what it is. Rocking fact sheets--Learn about 150 awesome rocks and minerals with handy fact sheets that are conveniently organized to help with identification. Your own field notebook--Record

all your rock-hunting sample data on 50 "Field Notebook" pages that include cut-out numbers for numbering and cataloging! "What's this rock or mineral?" Now you'll know with My Awesome Field Guide to Rocks and Minerals!

**Rocks & Minerals Backyard Workbook:
Hands-On Projects, Quizzes, and Activities -**

Dan R. Lynch 2021-03-02

Rockhounding Idaho - Garret Romaine
2020-05-01

A complete guide to finding, collecting, and preparing the state's gems & minerals
Rockhounding Idaho is a must-have book for anyone interested in collecting rocks, minerals, fossils, and gold in the Gem State. Completely up-to-date with over 200 GPS coordinates in ninety-nine collecting locales, it covers popular and widely known fee-dig operations as well as four-wheel-drive adventures into the desert, and long winding drives through the mountains. The result is a complete and accurate guide to the

state's vast riches. The author—a long-time field collector in the Pacific Northwest and an award-winning writer—clearly explains the broad outlines of Idaho's many collecting locales and mining districts, and provides an appreciation for the geology underneath. You can use this guide to plan expeditions straight across the state or to devise looping road trips that cover a single region in great detail. From agates to zeolites, from garnets to gold, *Rockhounding Idaho* is the ideal resource for rockhounds of all ages and experience levels. Look inside to find:

- Maps and detailed site descriptions with directions
- Suggested tools and techniques
- Land-use regulations and legal restrictions
- Information on nearby camping

The Pebbles on the Beach - Clarence Ellis
2018-12-11

This is a book about the simple pleasure of pebble spotting. Clarence Ellis is a charming, knowledgeable and witty guide to everything you didn't know there was to know about

pebbles. He ruminates on what a pebble actually is, before showing us how they are formed, advising on the best pebble-spotting grounds in the UK, helping to identify individual stones, and giving tips on the necessary kit. You'll know your chert from your schist, your onyx from your agate, and will be on your guard for artificial intruders before you know it. Understanding the humble pebble makes a trip to the beach, lake-side or river bank simply that little bit more fascinating.

Pocket Genius: Rocks and Minerals - DK
2016-01-19

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 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 include facts provided 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.

Maker Lab Light Up Agate Gem Collection -
Editors of Klutz 2021-02

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

The Complete Guide to Rocks & Minerals -

John Farndon 2006

Discusses the physical properties of various rocks and minerals and gives instructions for collecting and identifying specimens.

Rocks, Minerals and Gems - John Farndon
2017-01-10

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

Rock Log Kids - Daniel Brandt 2018-04-03

As an introduction to journaling and to nature, this book's log pages present simple questions that gently guide children to record and to draw their important rock and mineral observations, while additional photo/art pages are useful for pasting pictures or creating more artwork.

Rocks and Minerals - Charles A. Sorrell
2001-04-14

Identifies common and uncommon minerals and rocks from around the world.

The Geology of Yellowstone - Patrick Nurre
2016-12-14

The Geology of Yellowstone: A Biblical Guide is your key to understanding Yellowstone National

Park using the Flood of Genesis as your framework. The guide includes: a short history, thermal features, microbes, the Ice Age, rocks and minerals of the area, road guide, maps, and much more! In color.

Roadside Geology of Georgia - Pamela J. W. Gore 2013

Ride along with geologists Pamela Gore and Bill Witherspoon on this extraordinary tour of the Peach State's varied terrain. In 35 detailed and densely illustrated road guides, the authors examine Georgia's fascinating geology and reveal the stories that lie beneath the surface. You'll be amazed at Georgia's geological diversity, from its shifting barrier islands along the coast to the sandstone ridges in its northwest corner. At the Cumberland Island National Seashore you'll find the ruins of Dungeness, the once-magnificent Carnegie estate built of local mineral resources, and encounter wild horses grazing among windswept dunes. In Atlanta, the white whaleback of

granite called Stone Mountain will impress you with its protruding cat's eye minerals and stony layers that are sloughing off like the layers of an onion. In the Blue Ridge Mountains you can witness Amicalola Falls, one of the highest cascading waterfalls east of the Mississippi River, and Tallulah Gorge, one the deepest gorges in the eastern United States. And in the iconic Okefenokee Swamp of south Georgia, you'll wade through the gator-filled blackwater of one of the largest wetlands in North America. With its engaging prose and 250-plus color photos, maps, and figures, Roadside Geology of Georgia takes you beyond the rocks to unearth the billion-year history of the Empire State of the South.

New York Rocks & Minerals - Dan Lynch 2016-03-01

Your Must-Have Guide to New York's Rocks and Minerals Get the perfect guide to rocks and minerals of the Empire State This book by Dan R. Lynch and Bob Lynch features comprehensive

entries for 105 New York rocks and minerals, from common rocks to rare finds. Learn from the fascinating information about everything from garnets and "Herkimer diamonds" to fossils and labradorite. The easy-to-use format means you'll quickly find what you need to know and where to look. The authors' incredible, sharp, full-color photographs depict the detail needed for identification--no need to guess from line drawings. With this field guide in hand, identifying and collecting is fun and informative.

Geology for Kids - Patrick Nurre 2016-12-28

This geology textbook is for grades 3-6 and was designed with homeschoolers in mind. From a young-Earth global-Flood perspective. Topics covered: * Where the rocks came from * Minerals and Rock Types * History of Geology and Earth Science * The Global Flood * Fossils * Dinosaurs * Ocean geology * Color illustrations * Activities * 144 pages Many parents also like to purchase with this, "Geology for Kids, Geology Journal." It is a companion to the textbook with

activities, reports, writing and vocabulary.

Little Learning Labs: Geology for Kids -

Garret Romaine 2019-09-03

Dig in and learn about the Earth under your feet. Little Learning Labs: Geology for Kids features 26 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 these 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 Little Learning Labs: Geology for Kids actively engages readers in simple, creative activities that reveal the larger world at work. The popular Little Learning Labs series (based on the larger format Lab for Kids series) features a growing list of books that share hands-on activities and projects on a wide host of topics, including art, astronomy, geology, math, and even bugs—all authored by established experts in their fields. Each lab contains a complete materials list, clear step-by-step photographs of the process, as well as finished samples. The activities are open-ended, designed to be explored over and over, often with different results. Geared toward being taught or guided by adults, they are enriching for a range of ages and skill levels. Gain firsthand knowledge on your favorite topic with Little Learning Labs.

Let's Go Rock Collecting - Roma Gans

2021-05-04

Read and find out about rocks and rock

collecting in this colorfully illustrated nonfiction picture book. Readers follow two enthusiastic rock hounds around the globe as they add to their collection. Along the way they will learn how sedimentary, metamorphic, and igneous rocks are formed. From the Egyptian pyramids to Roman roads, from the diamond ring on a finger to the pebbles under your feet, rocks are everywhere! This is a Level 2 Let's-Read-and-Find-Out, which means the book explores more challenging concepts for children in the primary grades. The 100+ titles in this leading nonfiction series are: hands-on and visual acclaimed and trusted great for classrooms Top 10 reasons to love LRFOs: Entertain and educate at the same time Have appealing, child-centered topics Developmentally appropriate for emerging readers Focused; answering questions instead of using survey approach Employ engaging picture book quality illustrations Use simple charts and graphics to improve visual literacy skills Feature hands-on activities to engage young scientists

Meet national science education standards
Written/illustrated by award-winning
authors/illustrators & vetted by an expert in the
field Over 130 titles in print, meeting a wide
range of kids' scientific interests Books in this
series support the Common Core Learning
Standards, Next Generation Science Standards,
and the Science, Technology, Engineering, and
Math (STEM) standards. Let's-Read-and-Find-
Out is the winner of the American Association
for the Advancement of Science/Subaru Science
Books & Films Prize for Outstanding Science
Series.

**National Geographic Pocket Guide to Rocks
and Minerals of North America** - Sarah

Garlick 2014

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

Geology Lab for Kids - Garret Romaine
2017-05-15

Dig in and learn about the Earth under your feet.

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.
The popular Lab for Kids series features a

growing list of books that share hands-on activities and projects on a wide host of topics, including art, astronomy, clay, bugs, math, and even how to create your own circus—all authored by established experts in their fields. Each lab contains a complete materials list, clear step-by-step photographs of the process, as well as finished samples. The labs can be used as singular projects or as part of a yearlong curriculum of experiential learning. The activities are open-ended, designed to be explored over and over, often with different results. Geared toward being taught or guided by adults, they are enriching for a range of ages and skill levels. Gain firsthand knowledge on your favorite topic with Lab for Kids.

[Fossils for Kids](#) - Dan R. Lynch 2020-04-07

This children's guide to fossil collecting includes an introduction to paleontology, an identification section, and "how to" instructions.

Klutz Maker Lab: Rocks, Gems and Geodes -

* Klutz Editors 2019-08

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 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
Arizona Rocks & Minerals - Bob Lynch
2010-01-11

Get the perfect guide to rocks and minerals of the Grand Canyon State! From agates to rare treasures, you'll have facts and details at your fingertips to learn about and identify your finds. Quickly uncover what you need to know and where to look.

A Field Guide to the Identification of Pebbles - Eileen Van der Flier-Keller 2007-03-15

2009 recipient of the Geological Association of Canada Neale Medal Have you ever been walking at the beach and wondered what that pebble or rock is, or do you ever wonder what stories rocks tell? If so, then this is the guide for you. The Field Guide to the Identification of Pebbles , a full colour, laminated, accordion folded, easy to use guide with over 80 beautiful photographs of pebbles from beaches and rivers. Use the photos to identify over 28 different types of rocks and minerals. A great resource for

Earth Science curriculum units in schools, the short text deals with how rocks form and how to tell if a rock is igneous, sedimentary or metamorphic. It also provides some fun facts about minerals in our daily lives.

NGK Everything Rocks and Minerals - Steve Tomecek 2011

This book describes how rocks and minerals are formed by geological processes, and how they are used in our lives.