

EXPLORE WITH US

ROCKS + MINERALS

A GUIDE FROM PLAYFUL LEARNING

To access links, go [here](#)

BOOKS TO EXPLORE

[If You Find a Rock](#)

[A Rock Is Lively](#)

[Rhoda's Rock Hunt](#)

[Rocks, Minerals & Gems](#)

[Ultimate Explorer Field
Guide: Rocks & Minerals](#)

[Let's Go Rock Collecting](#)

LISTEN TO STORIES ONLINE

[Sylvester and the
Magic Pebble](#)

[The Coal Thief](#)

[Charlotte and the Rock](#)

[Rocks in His Head](#)

LITERACY AGES 2-4

Practice phonics with our [R is for Rock, Rocks and Minerals Sound Sort](#) and [Rocks and Minerals Letter Match](#)

Practice letter formation and handwriting development with our [Rocks & Minerals Letter Mats](#)

AGES 5-8

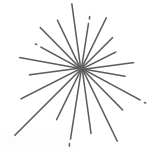
Build science vocabulary and practice writing skills by [identifying different rocks and minerals](#).

Browse [National Geographic Kids](#) for photos and facts about rocks, and then write about your findings!

PRACTICAL LIFE + FINE MOTOR

Notice details in rocks and build fine motor skills with [Rock Coloring Sheets](#) and [Create Your Own Gemstones](#)

Channel your inner geologist with the [Finding Fossils Play Mat](#)



NUMERACY

AGES 2-4

Sort a collection of rocks by color or by size

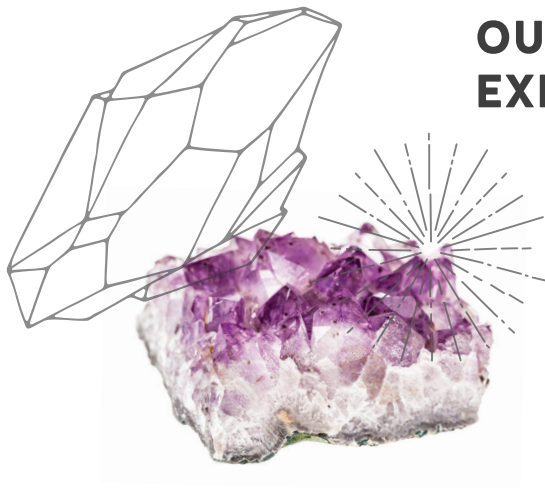
Use our Counting Cards to practice counting and one-to-one correspondence

Determine which Missing Mineral comes next in the pattern

AGES 5-8

Compare the weight of rocks to other objects with Lighter or Heavier

Play a math game with rocks and dice to work on place value concepts

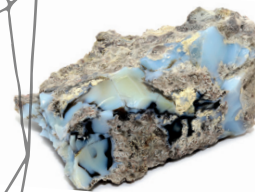
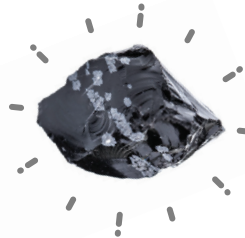


HANDS-ON PROJECTS

Explore the layers of the earth by making a 3D model out of play dough and/or representing the layers inside a mason jar

Make a Sediment Jar to learn about soil and see where heavier sediments, like rocks, settle inside the jar

Participate in The Kindness Rocks Project by gathering rocks, painting kind messages on them, and leaving them around your community



OUTDOOR EXPLORATIONS

Go on a rock scavenger hunt. Don't forget to bring along a basket for your collections as well as a clipboard, pencil, and a magnifying glass.

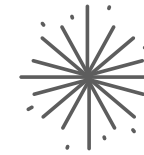
Look at the work of artist Andy Goldsworthy and go outside to make your own Rock Spiral.

SCIENCE

AGES 2-4

Identify scientific tools you might need for Going on a Rock Hunt

Observe different types of rocks and minerals while building scientific vocabulary with our Three Part Cards



AGES 5-8

Investigate the three different Types of Rocks

Introduce junior geologists to the properties of rocks with our Rock Discovery

Learn about the Rock Cycle and label its parts

