



ROCK STARS!

Are all rocks minerals? Imagine a rock like a big puzzle, and each tiny piece of the puzzle is a mineral. A rock is made up of different types of minerals (gold, calcium, copper) stuck together. Think of it like a cookie—minerals are the ingredients (flour, sugar, chocolate chips), and the rock is the whole cookie! Research rock types found near you and determine which type they are.

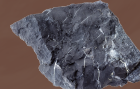
TYPES OF ROCKS

SEDIMENTARY

Rocks that form through the slow build-up and compression of sediments. They frequently contain fossils, offering insights into ancient environments.



Coal



Shale



Sandstone



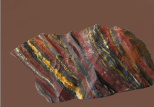
Caliche



Rock Salt



Coquina



Ironstone



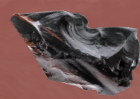
Limestone

IGNEOUS

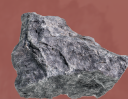
These rocks are created when molten (liquid) magma or lava cools and solidifies. As the material cools, crystals of different minerals form the rock.



Granite



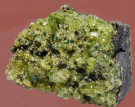
Obsidian



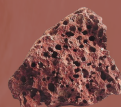
Basalt



Gabbro



Peridotite



Scoria



Pegmatite



Pumice

METAMORPHIC

These rocks develop when heat, pressure, and chemical alterations transform existing rocks. These rocks often display a layered or banded appearance.



Marble



Slate



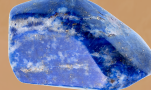
Quartzite



Unakite



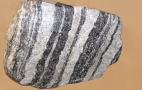
Schist



Lapis Lazuli



Travertine



Gneiss