

School of Hard Rocks

Grades 3 - 6

Introduction

Go on a science scavenger hunt to see what geological samples you can find! Make a case for how to classify your samples based on your observations of key features, just like a geologist would, and be ready to test your system with a final surprise sample!

Materials

- 5 to 10 geological samples such as different kinds of rocks and minerals. These samples can be pictures you take or find online, physical objects (such as the rocks used in the wall of a building, the tiles in a bathroom, a statue, pieces of jewelry, your kitchen counter, boulders on a hiking trail, etc), or even some of the rocks and minerals!
- A piece of paper or the chart provided (at the end of the instructions) and writing materials to record your observations
- A space on a table, counter, or the floor to organize any small physical samples into different groupings or to use as a writing surface.
- Items to help you explore different features of your samples such as a magnifying glass, penny, iron nail, your own fingernail



Brought to you by:



Sample name or number *Type of rock or mineral, a number, or description (to help keep your samples organized)	Is it a rock or a mineral?	Attributes and features *Colour, texture, patterns, hardness, etc.	Other notes *Colour, texture, patterns, hardness, etc.	Ideas for groupings