

## Three Types of Rocks

Resource	Day 1	Day 2	Day 3	Day 4
Everything You Need to Know...	Page 49			
DK Encyclopedia of Science		Page 222 Igneous Rocks	Page 223 Sedimentary Rocks	Page 224 Metamorphic Rocks
What's Science All About	Page 174-175			
Internet Links	<a href="http://homeschoolden.com/2014/10/14/free-rocks-and-minerals-packet/">http://homeschoolden.com/2014/10/14/free-rocks-and-minerals-packet/</a> <a href="http://www.learnnc.org/lp/media/lessons/DebbieHansman5232002238/cycle.jpg">http://www.learnnc.org/lp/media/lessons/DebbieHansman5232002238/cycle.jpg</a> (Links are given for information not necessarily because I am in agreement with every bit of information given. Please use as a reference at your discretion)			
Bible Connection	There are many scriptures with the word "rock." Here are just a few. Look up these scriptures and discuss what they mean and why the word "rock" is used. What is it about a rock that is compared in these verses? Challenge yourself to look up more verses with the word "rock." Psalm 18:2   Samuel 2:2   Matthew 7:24-25			

## Daily Lessons

Daily: Read the suggested pages and discuss what was learned. It is important in science to learn how to research and gather information from multiple sources. Each day you should have your child pick a few facts or information that they learned from their readings. At the end of the week, they should use their notes/facts to write a paragraph or summary of what they learned and know about the weekly topic. It is also important to learn to draw diagrams and pictures. Later, this will be an important part of science labs. You can draw diagrams and illustrations that you see in your books or find diagrams online to draw or print and label.

Day 1 – Read and discuss the three types of rocks. Use the links to find your favorite printout to color or label, or just draw your own illustration of each type of rock. Define sedimentary, igneous, metamorphic, and erode.

Day 2 – Read and discuss igneous rocks. The DK book compares igneous rock formation to how a candle burns and wax drips down the side. If possible, use a candle (even a birthday candle works great) to show how the melted wax is like igneous rock formation. When the dripped wax cools, pull it off the candle...this is your "igneous rock." Draw a detailed example of an igneous rock and take notes about what you've learned.

Day 3 – Read and discuss Sedimentary Rocks. Review all three types with this simple worksheet and quiz:  
<http://www.education.com/worksheet/article/types-of-rocks/>  
<http://www.education.com/worksheet/article/types-of-rocks-quiz/>

Day 4 – Read, discuss, and narrate/notebook. Use what you've learned! Go outside and find rocks all around you. Closely examine your rocks and record your observations on this worksheet or just make your own. Based on your observations can you decide which type of rocks you found? <http://www.twinkl.co.uk/resource/t2-s-127-rock-observation-worksheet>

Optional Craft: Use these directions to make crayon rocks of all three types!  
<http://www.exo.net/~emuller/activities/Crayon-Rock-Cycle.pdf>