



**ROCK-OLGY**

The Hard Facts  
About Rocks

# Baking and Crushing

A Look at  
Metamorphic Rock

by Ellen Lawrence

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# Baking and Crushing

A Look at Metamorphic Rock

by **Ellen Lawrence**

**Consultants:**

**Shawn W. Wallace**

Department of Earth and Planetary Sciences  
American Museum of Natural History, New York, New York

**Kimberly Brenneman, PhD**

National Institute for Early Education Research, Rutgers University  
New Brunswick, New Jersey

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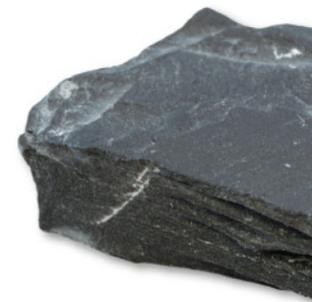
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# A Statue Made from Rock

In Washington, D.C., there is a huge statue of President Abraham Lincoln.

The beautiful statue is shiny, white, and smooth.

It's hard to believe that it's made of rock—but it is!

The statue is made from a kind of rock called marble.

Where does marble come from, and how does this rock form?





The statue of Abraham Lincoln was carved from marble by artists called **sculptors**. It is 19 feet (5.8 m) tall from Lincoln's shoes to the top of his head.

← marble

# Metamorphic Rock

Marble is a type of rock called **metamorphic** rock.

The name *metamorphic* comes from a Greek word that means "change in form."

A metamorphic rock is a rock that has changed.

It started out as one kind of rock and then changed into a different kind!



marble



soapstone

There are many other metamorphic rocks besides marble. Soapstone and hornfels are some other metamorphic rocks.



cliffs made  
of hornfels

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## Read More

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**Owen, Ruth.** *Science and Craft Projects with Rocks and Soil (Get Crafty Outdoors)*. New York: PowerKids Press (2013).

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## Learn More Online

To learn more about metamorphic rock, visit [www.bearportpublishing.com/Rock-ology](http://www.bearportpublishing.com/Rock-ology)

## About the Author

Ellen Lawrence lives in the United Kingdom. Her favorite books to write are those about nature and animals. In fact, the first book Ellen bought for herself, when she was six years old, was the story of a gorilla named Patty Cake that was born in New York's Central Park Zoo.

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# Baking and Crushing

## A Look at Metamorphic Rock

At this very moment, right beneath your feet, heat from deep within Earth is baking rock—and changing it into a new kind of rock. Look inside to find out what the new rock, known as metamorphic rock, is like. You'll also discover how it has been taken from the ground and used to make one of the world's most famous statues.

**Baking and Crushing**  
A Look at Metamorphic Rock

**Famous Rocks**

**How Do People Use Rocks?**

**How Do Volcanoes Make Rock?**  
A Look at Igneous Rock

**How Do Water and Wind Change Rock?**  
A Look at Sedimentary Rock

**Is Sand a Rock?**

**What Are Rocks Made Of?**

**What Is the Rock Cycle?**

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