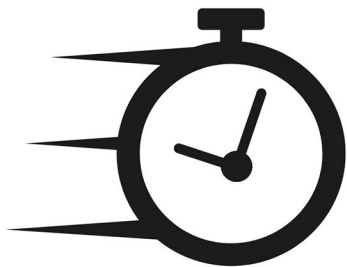


Lapbooking through...



Volcanoes

Written by Paige Hudson

Lapbooking through Volcanoes {A Quick Lapbook}

First Edition 2018

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Table of Contents

Introduction

<i>Introduction</i>	4
<i>Lapbook Overview</i>	5
<i>Supply List</i>	6

Daily Lessons

<i>Day 1: Intro to Volcanoes</i>	8
<i>Day 2: Tectonic Plates</i>	9
<i>Day 3: Volcanic Eruptions</i>	10
<i>Day 4: Geothermal Features</i>	11
<i>Day 5: {Activity} Make a Volcano</i>	12

Templates

<i>Volcano Lapbook Cover Page Template</i>	T-2
<i>Volcano Label Sheet</i>	T-3
<i>Tectonic Plates Sheet</i>	T-4
<i>Types of Volcano Tab-book</i>	T-5
<i>Hot Spots Mini-book</i>	T-6
<i>Vocabulary Pocket and Cards</i>	T-7 to T-11

introduction

This quick lapbook leads you through a brief survey of volcanoes, based on the book: *National Geographic Readers: Volcanoes*. Our quick lapbooks are designed to be a gentle approach to a given homeschool science topic based on the Unit Study method suggested in *Success in Science: A Manual for Excellence in Science Education* by Bradley and Paige Hudson. This week-long study can be used as a stand-alone science unit for K-4th grade or alongside an earth science program.

Our quick lapbooks all include 5 days' worth of lessons for a full week-long unit. The first four days in this quick lapbook include three parts:

1. **Reading Assignments** – This section has the pages to read from *National Geographic Readers: Volcanoes*.
2. **Written Work** – This section includes the directions for the lapbook. Each day, you will add vocabulary cards and a mini-book on the topic that you read about in the reading assignment.
3. **Dig Deeper** – This section includes optional readers, videos, or activities that will add to the day's reading and written work.

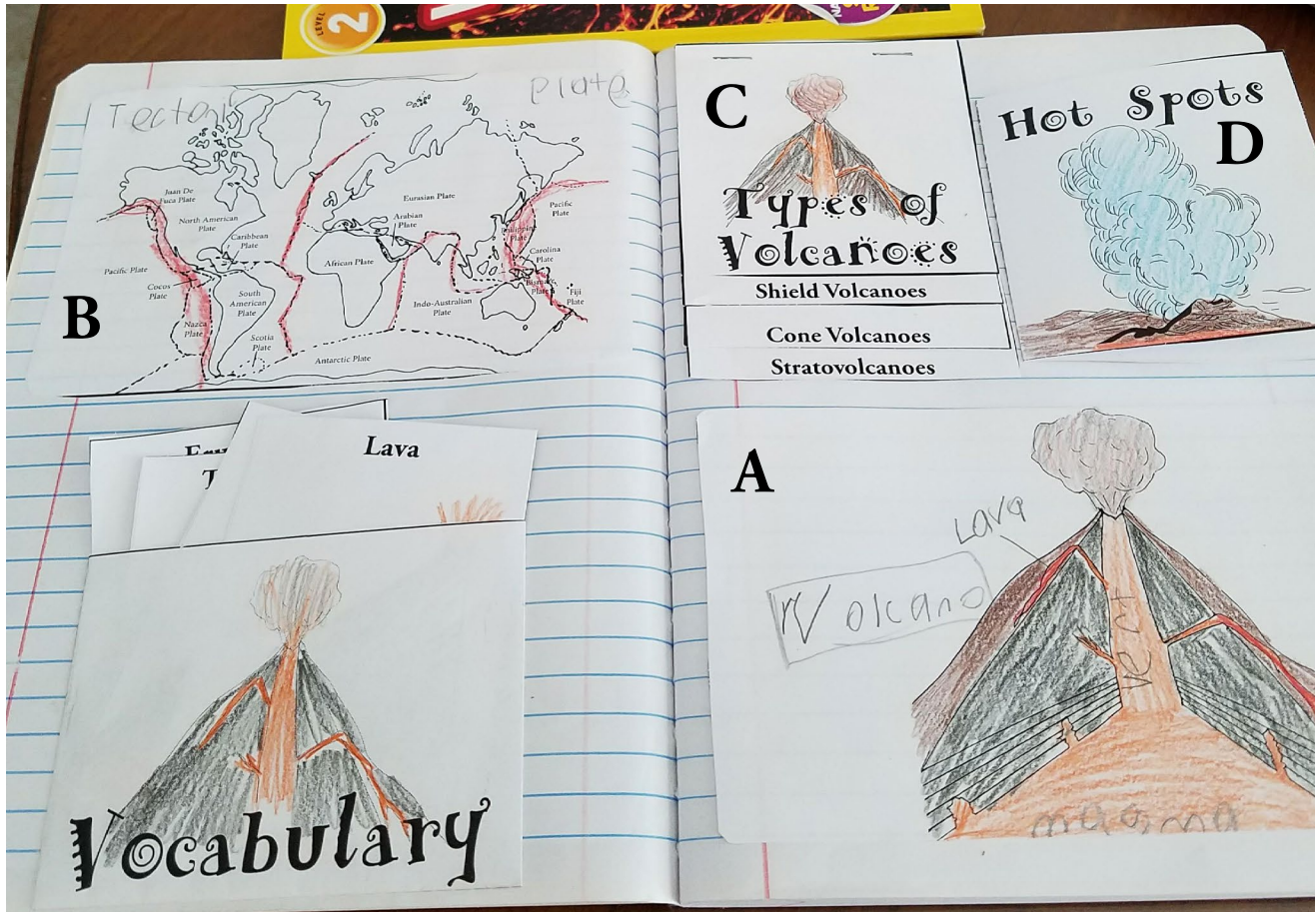
The fifth, and final, day includes a related science activity for you to do with your kids. In this quick lapbook, you will be making a volcano at home and erupting it! Each of these daily lessons should take between 15 to 30 minutes a day.

Final Thoughts

As the author and publisher of this eBook, I encourage you to contact me with any questions or problems that you might have concerning this quick lapbook at support@elementalscience.com. I will be more than happy to answer you as soon as I am able. I hope that you will enjoy creating memories using *Lapbooking through Volcanoes*!

Lapbook Overview

You will need 2 sheets of card stock or one file folder or a notebook to put your lapbook in. Your lapbook will look like this:




Overall Directions

For each mini-book, have the students color the pictures. Then, write the narration sentences for the students or have them copy the information into the inside of the mini-book. Finally, glue the mini-books onto the lapbook. You can use the cover template provided or allow the students to decorate the cover as they choose.

Supply List

Reading Assignments

 *National Geographic Readers: Volcanoes*

Lapbook Materials

To complete the lapbook, you will need the following:

- ✓ 2 sheets of 8 ½ by 11 cardstock OR 1 file folder OR space in a notebook
- ✓ Colored pencils, crayons, or markers
- ✓ Glue stick
- ✓ Scissors
- ✓ Stapler



Day 5 Activity Materials

To make your own volcano at home, you will need the following:

- ✓ Aluminum pan
- ✓ Empty soda bottle with a small opening
- ✓ Air-dry clay or salt dough
- ✓ Baking soda
- ✓ Liquid dish soap
- ✓ Red and yellow food coloring
- ✓ White vinegar

{Optional} Readers

You can check out the following books from the library as optional readers for the week:

-  *Hill Of Fire (I Can Read, Book 3)* by Thomas P. Lewis
-  *Pompeii -- Buried Alive! (Step into Reading)* by Edith Kunhardt

{Optional} Activities

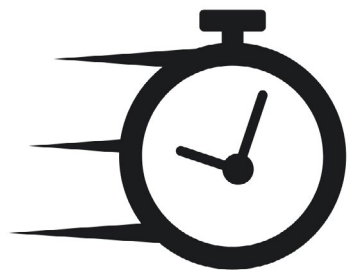
To make optional “Dig Deeper” activities, you will need the following:

- ✂ **Day 1:** Paper cup, crackers (saltines or Ritz™), a can of Cheez Whiz™
- ✂ **Day 2:** A water bottle, water, oil, blue food coloring, tape
- ✂ **Day 4:** A small water bottle with cap, a nail, 2 Alka Seltzer® tablets, water

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Volcano Lessons



Day 1: Intro to Volcanoes

Reading Assignment



Pages to Read

 *National Geographic Readers: Volcanoes pg. 4-7*

Written Work

Vocabulary

Have the students cut out and glue the vocabulary pocket on pg. T-7 into their lapbook. Then, have them cut out and add the following cards to their vocabulary pocket.

-  **Magma** – Molten rock found under Earth's surface. (Card on pg. T-7)
-  **Lava** – Molten rock found on the earth's surface. (Card on pg. T-8)

Mini-book Assembly Instructions

- A. **Volcano Sheet** — Have the students cut out the sheet on pg. T-3 and color the volcano. You can have your students use the pre-labeled sheet or have them use the pre-labeled sheet as a guide to label the blank sheet. Once the students are done coloring and labeling the sheet, have them glue it into their lapbook.

Dig Deeper

Coordinating Activities

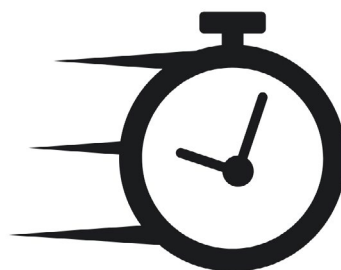
- ✂ **Volcano Reader** – Have the students begin reading *Hill Of Fire (I Can Read, Book 3)* by Thomas P. Lewis.
- ✂ **Edible Volcano** – Have the students make an edible volcano. You will need a paper cup, crackers (saltines or Ritz™), and a can of Cheez Whiz™. Poke a hole in the bottom of the paper cup just large enough to insert the tip of the Cheez Whiz™ can. Then, crush up the crackers so that you have some fine dust and some larger pieces. Add the crushed crackers to the cup to create a two to three inch thick layer of “dirt and rock.” Now, push the tip of the Cheez Whiz™ can to let the “magma” flow. Observe what happens. (*The students should see that the cheese pushes the crushed crackers out of the way and erupts at the top of the layer.*) Once your students are done observing, they can eat their volcanic creations.



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Volcano Templates



Volcano Lapbook Cover Page Template



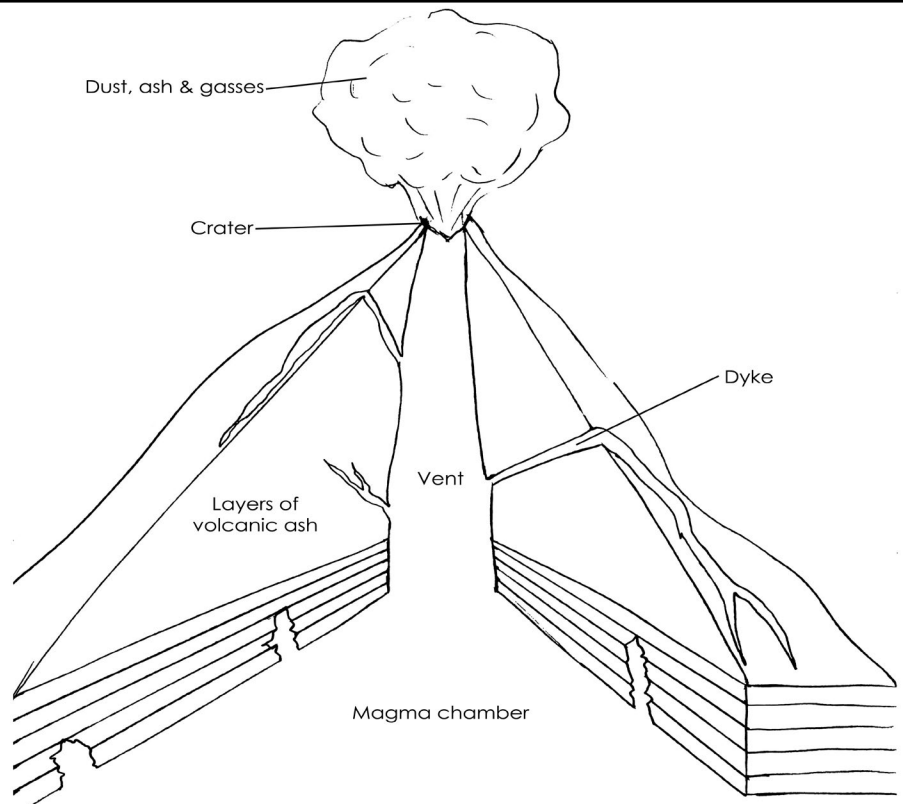
Volcanoes

By: _____

Volcano Label Sheet

*Use with
younger
students.*

Cross-section of a Cone Volcano



*Use with
older
students.*

