



Grades 2-7

The Rainforest

Learning Lapbook with Study Guide



A Journey Through Learning
www.ajourneythroughlearning.com

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You'll also receive great discount codes, special offers, find out what's new and what's to come!

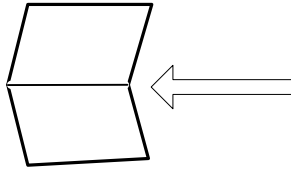
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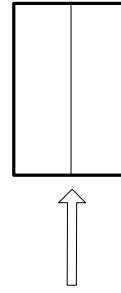
SAMPLE PAGE

Things to Know

Hamburger Fold-Fold horizontally



Hotdog Fold-Fold vertically



Dotted Lines-These are the cutting lines.

Accordion Fold-This fold is like making a paper fan. Fold on the first line so that title is on top. Turn over and fold on next line so that title is on top again. Turn over again and fold again on the next line so that title is on top. Continue until all folds are done.

Cover Labels-Most of the booklets that are folded look nicer with a label on top instead of just a blank space. They will be referred to as "cover label."

How Long Does it Take to Complete the Lapbook?

Doing a study guide page and mini-booklet a day, a 3-folder lapbook takes about one month to complete. However, you can expand the study portion and make it last as long as you like! That's the beauty of homeschooling! Do it YOUR way!

Lapbook Assembly Choices

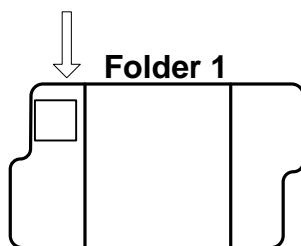
(see photos on how to fold and glue your folders together)

We recommend using Zip Dry Glue or Elmer's Extreme.

Choice #1 -Do not glue your folders together until you have completely finished all three folders. It is easier to work with one folder instead of two or three glued together.

Choice #2 -Glue all of your folders together before beginning. Some children like to see the entire project as they work on it. It helps with keeping up with which folder you are supposed to be working in. The choices are completely up to you and your child!

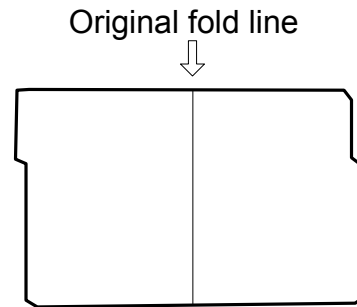
How do I know where to place each template in the folder?



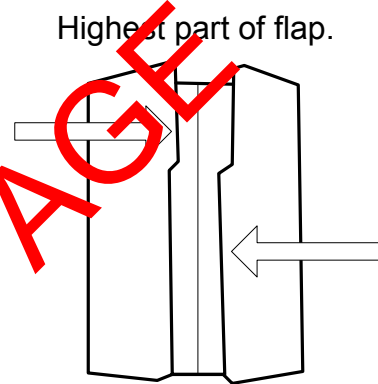
This placement key tells you the template goes in the first folder at the top of the left flap.

Folding a Lapbook Base

Gather the number of folders required for the project. Fold them flat as seen here.



For each folder, fold the left and right sides inward toward the original line to create two flaps. Crease so that the highest part of each flap is touching the original line. It is important not to let the two flaps overlap. *You may want to take a ruler and run it down each crease to make it sharper.*



Glue your folders together by putting glue (or you may staple) on the inside of the flaps. Then press the newly glued flaps together with your hands until they get a good strong hold to each other. Follow this step to add as many folders as you need for your project. Most of our lapbooks have either 2 or 3 folders.

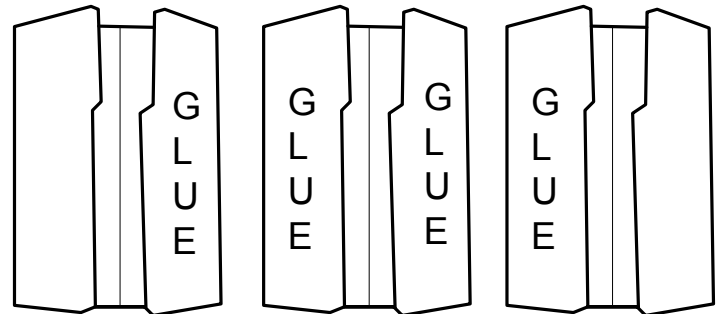
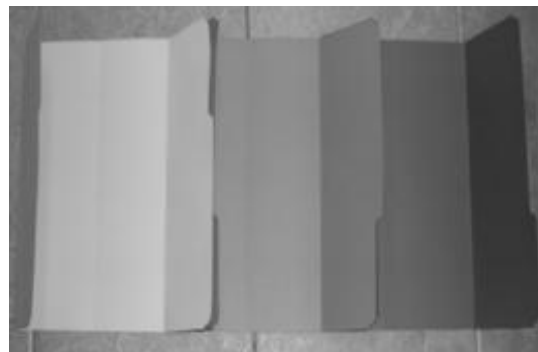
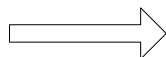


Photo of a completed lapbook base



Supplies and Storage

- *Lapbook Pages
- *3 Colored File Folders
- *Scissors
- *Glue
- *Stapler
- *Brads (not needed for every lapbook. If brads are not available, a stapler will do.)
- *Hole Puncher (again, not needed for every lapbook.)

To make the storage system (optional)

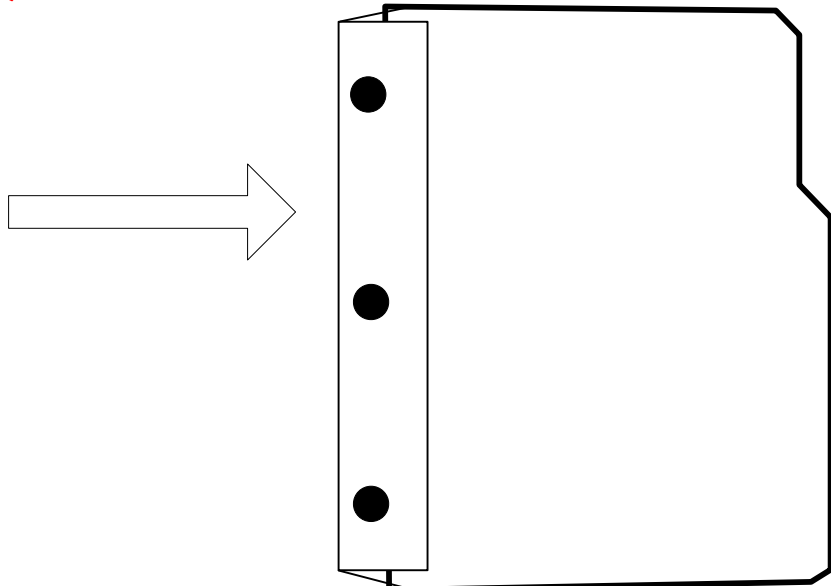
See details below about the use of a storage system.

- *Duct tape (any color)
- *One 3-ring binder
- *Hole Puncher

My child has made several lapbooks. Can I store all of the lapbooks together in one place?

Yes! A three-ring binder serves as a great place to keep your lapbooks. This method of storage not only keeps your lapbooks from getting lost but also keeps them neat and readily available to share with dad, grandparents, friends, etc. When you are through sharing your lapbooks, just place the three-ring binder back on your bookshelf. Below are step-by-step directions of how to prepare each lapbook to be placed in a three-ring binder.



Close the lapbook. Measure a piece of duct tape that is as long as the lapbook. Place the edge of the duct tape on the top edge of the lapbook. Then fold the duct tape over so that it can be placed on the bottom edge. Make sure to leave enough duct tape sticking out from the edges to punch three holes. Be careful when punching the holes that you do not punch the holes in the folder. If you do, that's okay. Then place in three-ring binder. Depending on the size of your three-ring binder, you can store many lapbooks in it.



Folder 1

<p>What is a rainforest?</p>	<p>People of the Rainforest</p>	<p>Why are tropical rainforests special?</p>	<p>Two Types of Rainforests</p>
<p>Another name for rainforest</p>	<p>Biodiversity</p>		<p>Layers of the Rainforest</p>

Folder 2

<p>The Amazon: A Tropical Forest</p>	<p>Rainforest Reptiles</p>	 <p>Rainforest Birds</p>	<p>Rainforest Plants</p>
		 <p>Rainforest Mammals</p>	<p>Temperate Rainforest Plants</p>

Tables of Contents

What is a Rainforest?

Why are Tropical Rainforests Special?

Two Types of Rainforests

Layers of the Rainforest

The Amazon: A Tropical Rainforest

Rainforest Reptiles

Birds of the Rainforest

Mammals of the Rainforest

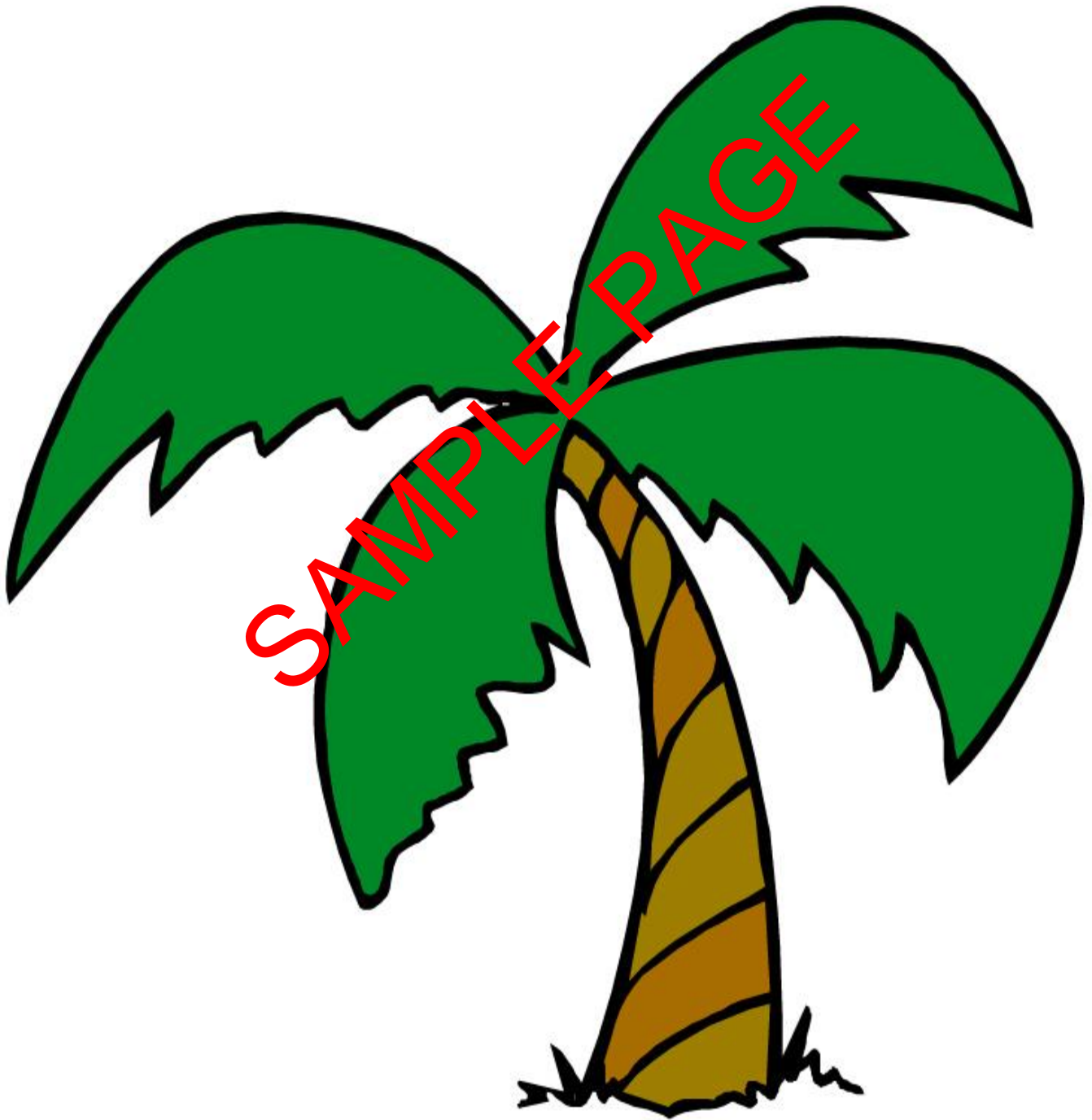
Rainforest Plants

Plants in a Temperate Rainforest

SAMPLE PAGE

Cut on dotted line.
Draw rainforest animals around and in the tree. Glue to the front of your folder.

The Rainforest



What is a Rainforest?

A rainforest is a very dense, wet forest. They are home to millions of plants and animals. In actuality, rainforests contain over half of the world's plants, animals, insects and microorganisms. There are more species of fish in the Amazon rainforest than in the Atlantic Ocean. In addition, approximately 3000 fruits can be found in rainforests.

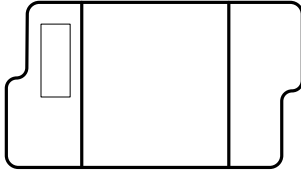
As in the name, rain is very common in a rainforest. They receive at least 80 inches of precipitation each year. The temperature does not fluctuate much, staying between 75 and 80 degrees Fahrenheit. Under the canopy of the trees, the air is cool and humid, providing the perfect environment for animal and plant life.

Rainforests contain a store of living, breathing, renewable natural resources. These resources are known to be important to the well-being of humankind. These resources include food, clothing, shelter, fuel, spices, raw industrial materials and medicine. The U.S. Cancer Institute has identified 3,000 plants that are active against cancer cells. 70% of these plants are found in the rainforest. Rainforest plants play a huge role in many other medications.

Rainforests are essential to life on Earth. Rainforests recycle and clean water. More than 20% of the world's oxygen is produced in the Amazon Rainforest. That is why it is sometimes called the "Lungs of the Planet." Also, tropical rainforest trees and plants remove carbon dioxide from the atmosphere and store it in their roots, stems, leaves, and branches. Rainforests aid in the greenhouse effect, which traps heat inside the Earth's atmosphere.

Rainforests are now endangered because of their importance to life. What once covered 14% of the earth's land surface now only covers 6%, because the trees are being cut. Since it is so important to our ecosystem, rainforest destruction is a major concern to those who understand the long term consequences. It is believed that the rainforests can provide many of the world's natural resources on a perpetual basis, if only managed properly.

Folder 1



Read What is a Rainforest?

Cut out each piece. Stack according to length with title on top. Staple at the top. Glue into lapbook.

Directions: Write about each topic listed.

SAMPLE PAGE

Endangered

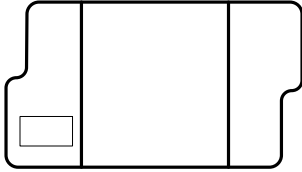
Resources

Environment

Definition



Folder 1



Read What is a Rainforest?

Cut out booklet. Fold in half. Glue into lapbook.

Directions: What is another name for rainforests. Write it inside the booklet.

A large rectangular box divided into two horizontal sections. The top section is empty. The bottom section contains the handwritten text "Another name for rainforest" in green ink. A large red diagonal watermark reading "SAMPLE PAGE" is overlaid across the entire box.

Why are Tropical Rainforests Special?

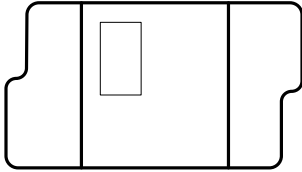
Tropical Rainforests are some of the most beautiful places on the Earth. Not only are they the home of half of the world's known plant and animal species, but they are also the winter home of many of the birds that breed in temperate climates. There is a complex interdependence between plants and animals in the tropical rainforest, making adaptation difficult. In addition, tropical rainforests regulate and maintain global rain and weather patterns.¹

The people who live in the tropical rainforests are very unique. They tend to be smaller than those outside of the rainforest. They sweat less, because sweat is not an efficient way to cool off in the rainforest. The purpose of sweat is to evaporate and cool the body, but it cannot evaporate in the high humidity of the rainforest. Forest people also require less water because the food they eat contains more water. The people of the forest have also acquired knowledge on how to grow crops in the forest's poor soil. Dwelling in harmony with the land and animals, they know how to live and use the forest without damaging it. Their knowledge of how to use the plants of the rainforest for food and medicine has helped the entire world.

Most of the Earth's biodiversity is found in the rainforest. Biodiversity is the variety of life found on the earth, as well as the natural processes. If we lost this beautiful ecosystem, we might also lose plants and other organisms that supplement our lives. We depend on biodiversity for food. Many foods such as tomatoes, peppers, corn, rice, coconut, banana, coffee, cocoa, beans and sweet potatoes have been provided from tropical rainforests. Tropical diversity has also supplied many medicines.

The destruction of the rainforests through the logging of trees or small-scale farming is occurring at an alarming rate. Because of this, many plants and animals in the tropical rainforests have become endangered. The term endangered species means that the species of animal or plant is in danger of becoming extinct, or no longer in existence. If the abolition of the rainforest continues at this current rate, humans on the Earth will feel the loss in many ways.

Folder 1




Read Why are Tropical Rainforests Special?

Cut out the booklet as one piece. Fold inward on the blue flaps. Glue into lapbook.

Directions: What have you learned about the people of the rainforest. Write it inside the booklet. With your parents help, find a picture of someone from the rainforest and glue it in the booklet.

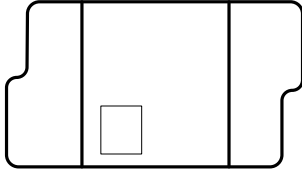
People
Rainforest



SAMPLE PAGE

of the

Folder 1



Read Why are Tropical Rainforests Special?

Cut out as one piece. Fold on both red lines to make flaps in front of square. Glue into lapbook.

Directions: What have you learned about biodiversity? Write it inside the booklet.

Biodiversity

SAMPLE PAGE