



Grades 2-7

Earthquakes

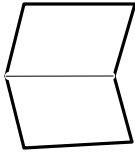
Learning Lapbook with Study Guide



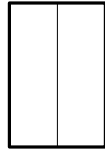
A Journey Through Learning
www.ajourneythroughlearning.com

Things to Know

Hamburger Fold-Fold horizontally



Hotdog Fold- Fold vertically



Folds- Labeled with a small line to show where the fold is and the words hamburger fold or hotdog fold.

Dotted Lines-These are the cutting lines

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 labeled "cover label."

So where do the mini-booklets go?

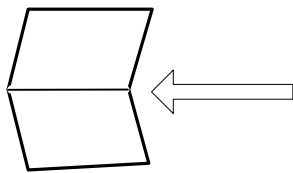
A color coded and labeled KEY is included. This key shows you where all of the mini-booklets go in each folder. Keep this page handy! You'll also see at the top of the mini-booklet pages another graphic that shows, once again, where to place the booklet in each folder. So there are TWO ways to see where to place the booklet. We made it easy!! You won't get lost.

How do I use the study guide and mini-booklets?

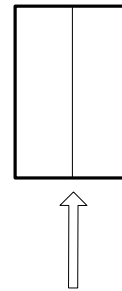
Read the study guide page to your child or if your child is reading, let him/her read it to you. After each study guide page, you will find the mini-booklet pattern that goes with that study guide page (Occasionally, a study guide page might have more than one mini-booklet). Cut out, construct and glue the mini-booklet into the lapbook (The directions for cut out, assembly and placement will be found on the same page as the mini-book pattern). Then fill in the answers. Most of the answers for the mini-booklets can be found within the study guide. Further research on the study guide topic can be done if desired.

Keep in mind that children of the same age can have very different academic and motor skills. Some children may have trouble writing in some of the smaller spaces of this lapbook. If this describes your child, we encourage you to let your child dictate the answers and you write for him. A lapbook is to be a fun project, not stressful.

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 2-folder lapbook takes 2- 3 weeks 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

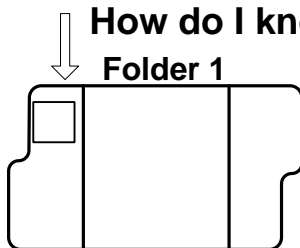
(see photos on how to fold and glue your folders together)

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

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

Choice #2 -Glue both 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!

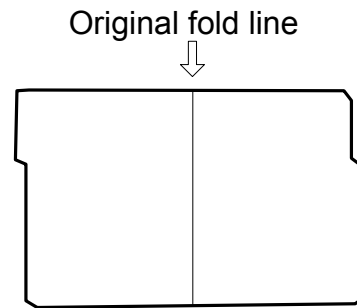
How do I know where to place each template in the folder?



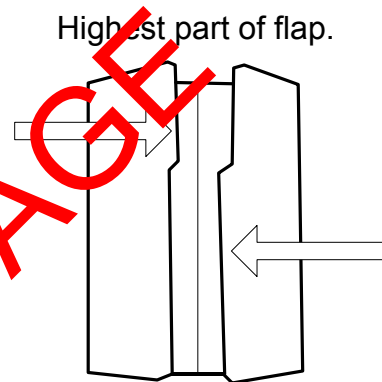
This placement key tells you the template goes in the first folder at the top of the left flap.

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.

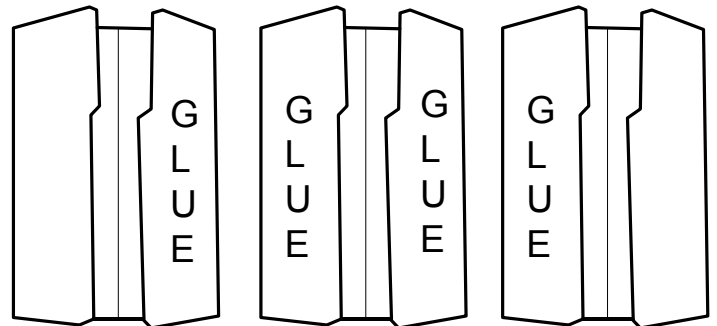
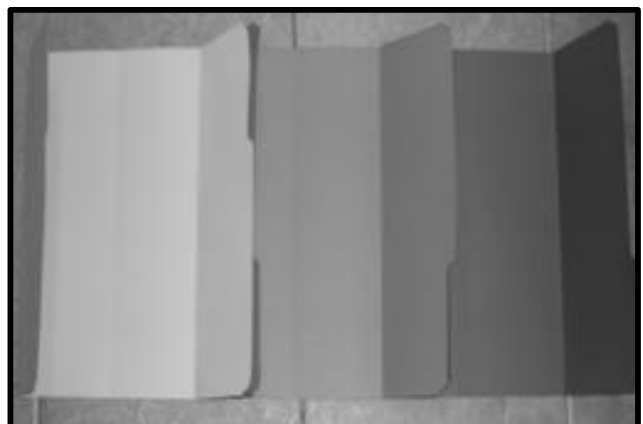
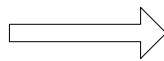


Photo of a completed lapbook base



Supplies and Storage

- *Lapbook Pages and Corresponding Video
- *2 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)

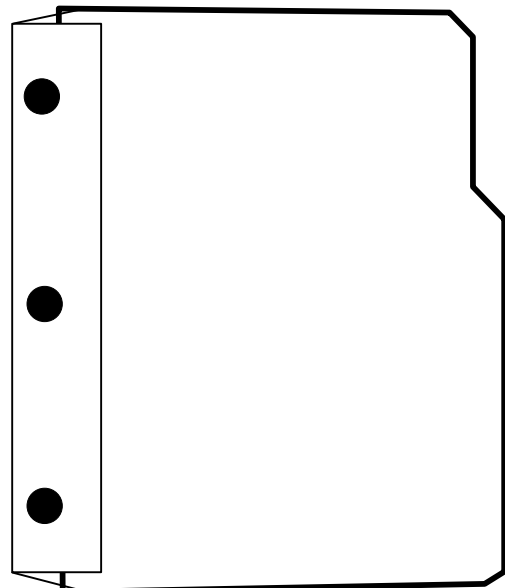
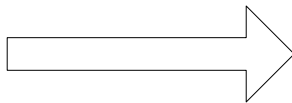
See details below about the use of a storage system.

- *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.



Tips and tricks to go the extra mile! (optional)

Supplies Need:

½ inch three-ring binder

5 tabs (if you are using our copywork and/or notebooking pages, you will need to have 7 tabs. Label with copywork and notebooking)

Quart size baggies

Duct tape

Your study guide and mini-booklets pages and copies of the enrichment pages at the end

Office supplies-glue, scissors, brads, stapler, pencils, crayons, and ribbon (if needed)

1. Label your tabs: Study Guide/Mini Booklets, Book Log, NICK Notes(easier) or Outline Form (harder), Biography Reports, What I Learned Pages (Copywork and Notebooking, if using these).
2. You will find a master copy of all of these special pages at the back of the lapbook packet. Make copies of the NICK Notes **or** Outline Form, Biography Report (if included), and What I Learned Pages and put them behind the tabs. Make more copied of the Book Log if your child reads a lot and needs more room to log books. We will explain how your child can use all of these enrichment pages later.
3. Hole punch your study guide and mini-booklets sheets and place behind the Study Guide tab. You will read a page of a study guide. Behind the study guide is the booklet(s) that goes with that study guide.
4. Keeping your office supplies handy-Measure the bottom of a quart size zip-lock bag. Then measure out a strip of duct tape that length. Lay the zip-lock bag on the lower edge of the tape. Fold the other end of the tape down on the zip-lock bag. Your duct tape should be sticking out from the bag. Now, you can hole punch the duct tape strip. **DO NOT HOLE PUNCH INTO THE BAG!** Then put it into your 3-ring binder. Use this bag to store items you will be using for your lapbook. Glue, scissors, hole puncher, stapler and extra staples, crayons, pencils, brads, ribbon, and any unfinished work. Doing this one step keeps you from having to constantly gather supplies every time you want to work on your lapbook!

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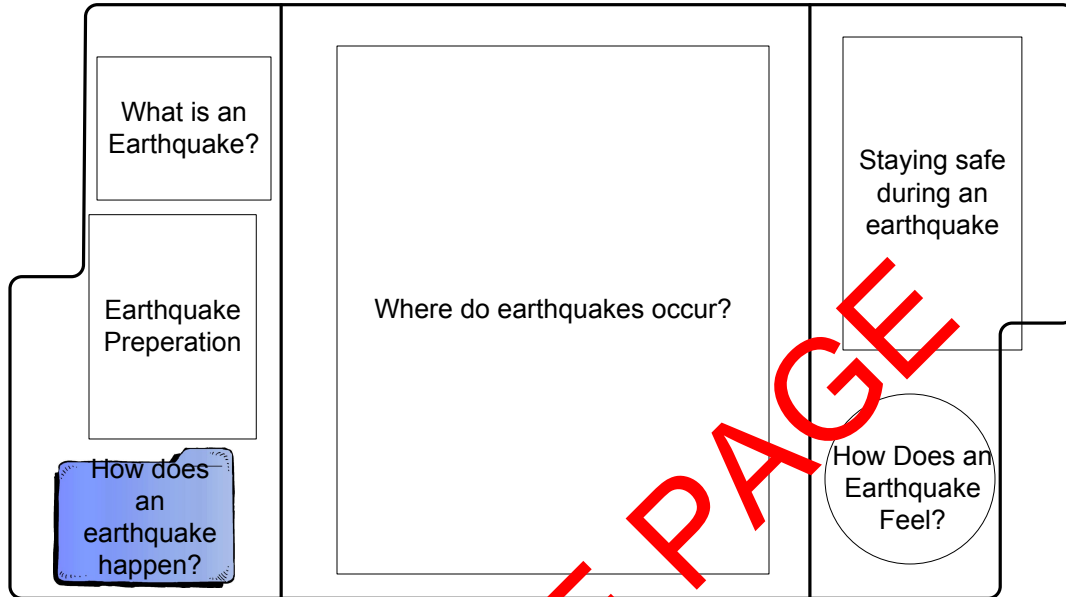
Tsunamis



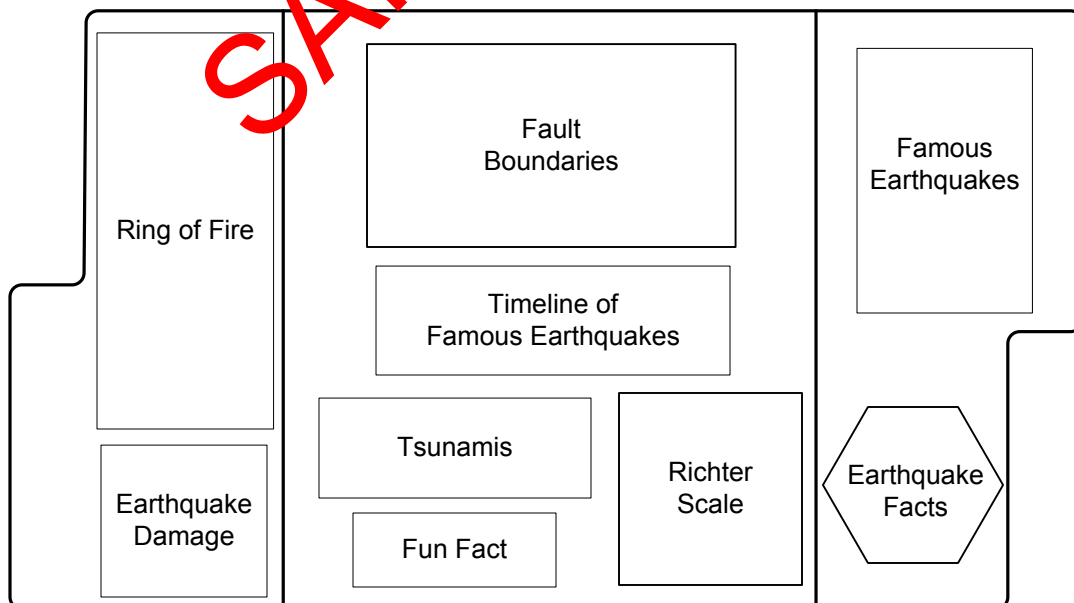
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Booklet Placement Key

Folder 1

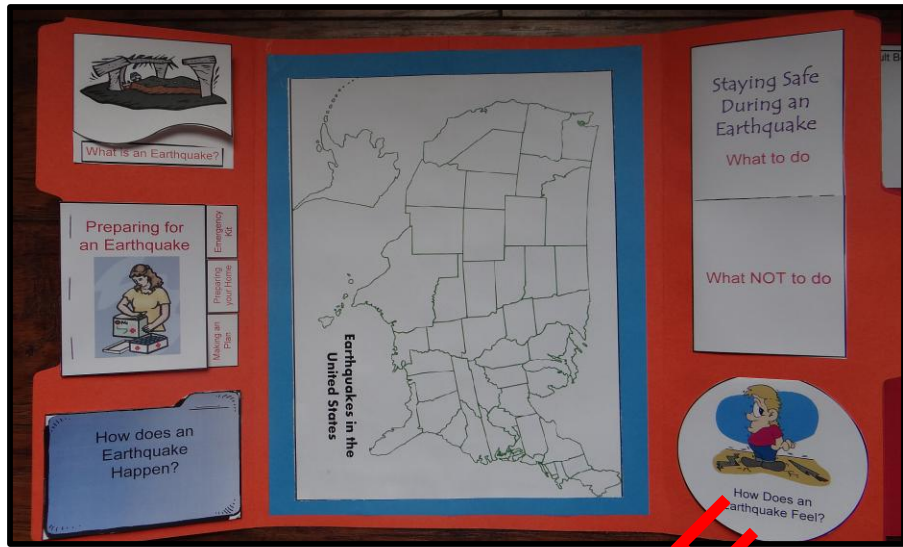


Folder 2

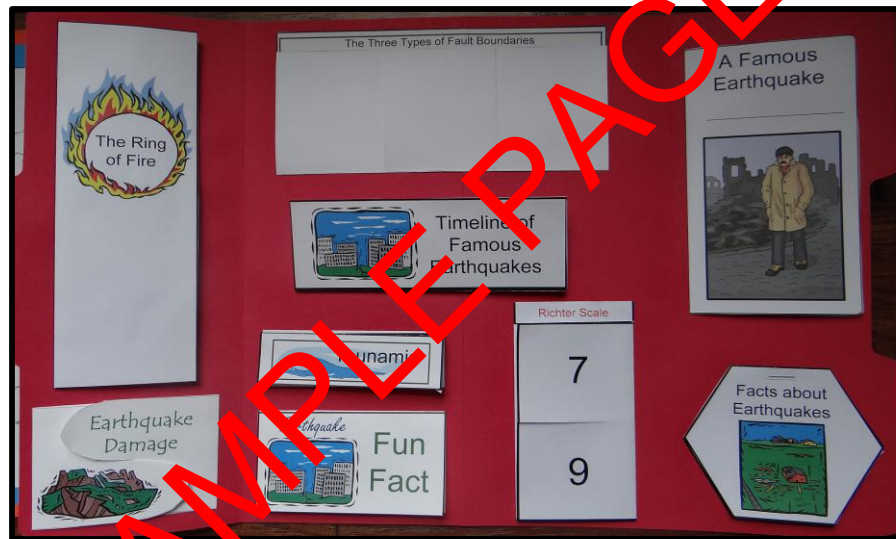


Photos of Earthquake Lapbook

Folder 1



Folder 2



Entire Lapbook



Cut out the cover sheet and glue to the first page of your lapbook. Pretend that you are an explorer and have landed on this island. Draw what you may see as you look around.

Earthquakes!



What is an Earthquake?

One of the most frightening and destructive phenomena of nature is a severe earthquake and its terrible after effects. An earthquake is the sudden, rapid shaking of the earth, caused by the breaking and shifting of subterranean rock as it releases strain that has accumulated over a long time.

Over the course of time, the forces of plate tectonics have shaped the earth, as the huge plates that form the earth's surface slowly move over, under and past each other. Sometimes, the movement is gradual. At other times, the plates are locked together, unable to release accumulated energy. When the accumulated energy grows strong enough, the plates break free. If the earthquake occurs in a populated area, it may cause many deaths and injuries and extensive property damage.

All 50 states and 5 U.S. territories are at some risk for earthquakes. Earthquakes can happen at any time of the year.

The 2011 East Coast earthquake illustrated the fact that it is impossible to predict when or where an earthquake will occur, so it is important that you and your family are prepared ahead of time.

Earthquakes can cause nasty and costly damages.

A small earthquake can even happen without anyone noticing it.

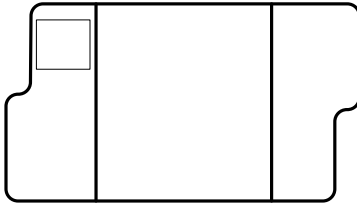
An earthquake can trigger a volcano to erupt.

There are about 3 million earthquakes every year.

The moon has its own fair share of tremors called 'moonquakes'

<http://www.ready.gov/earthquakes>

Folder 1



Read What is an Earthquake?

Cut out the booklet as one piece. Fold in the middle with image showing on the top. Cut out the question and glue at the bottom of the booklet so that it shows when the booklet is closed. Glue into lapbook.

Directions: Inside the booklet, answer the question.



What is an Earthquake?

SAMPLE PAGE

Earthquake Preparation

Just like any disaster, the best time to prepare for an earthquake is before one happens. Because earthquakes can happen anywhere, and they are impossible to predict, it is a good idea for every family to have an earthquake plan.

Put together an emergency kit with supplies you might need in a disaster. Many people add battery-powered radios, flashlights, first aid kits, and emergency blankets to their kits. Water bottles and some food, like granola bars, is a good idea, too.

To be prepared for an earthquake you can make your home safer. During earthquakes, many injuries are caused by falling things in the home. Shelves should be fastened to walls, and the heavy items on lower shelves. Large pictures and mirrors are best not hung over beds, so if they fall they don't land on somebody. Breakable containers of food can be stored in lower cupboards, and for extra safety, the doors can be fastened shut. Broken glass is another hazard after earthquakes, so many people put breakables such as china or decorations on low shelves or behind locked doors.

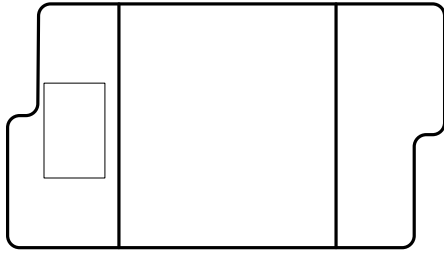
Having an earthquake plan with your family is one way to save lives. Everyone should know where the safest places in the house are, and practice running to them during earthquake drills. Some of the safer places in a home during an earthquake are under tables and against walls.

Your emergency plan should also have a way of getting together with other family members. Have designated meeting places, and substitute places if those aren't available. After a disaster, many public services will not be working, including telephone lines and cell phones. Knowing ahead of time how to find each other will save a lot of worry and stress.

Circle the items that you would need in an "Emergency Kit" to be properly prepared for an earthquake.



Folder 1



Read Earthquake Preparation.

Cut out the 4 pieces. Stack them together so that the tabs are in order and cover page is on top. Staple together down the left hand side. Glue into lapbook.

Directions: Write or draw what you can do for the three steps in being prepared for an earthquake.

Preparing for an Earthquake



Making an
plan

Preparing
your Home

Emergency
Kit

SAMPLE PAGE