



Grades 1-6

Exploring Astronomy

Learning Lapbook with Study Guide



A Journey Through Learning
www.ajourneythroughlearning.com

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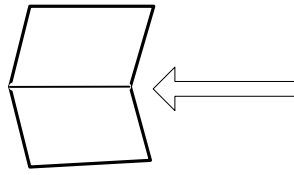
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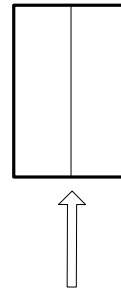
Sample Page

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

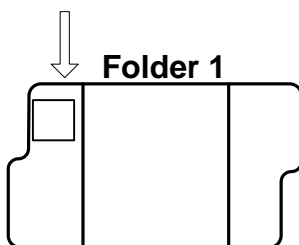
(see photos on how to fold and glue your folders together)

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!

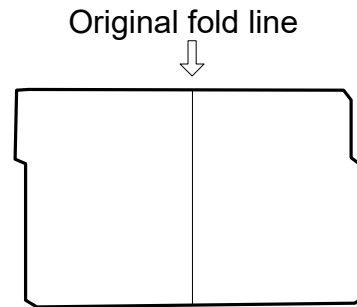
How do I know where to place each template in the folder?



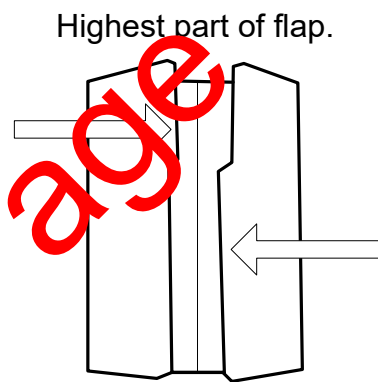
This placement key tells you the template goes in the first folder at the top of the left flap.

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.

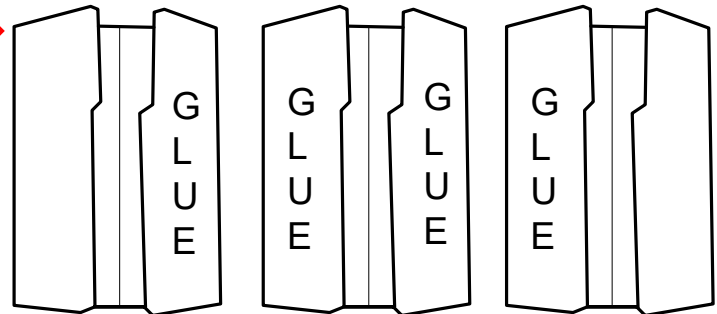
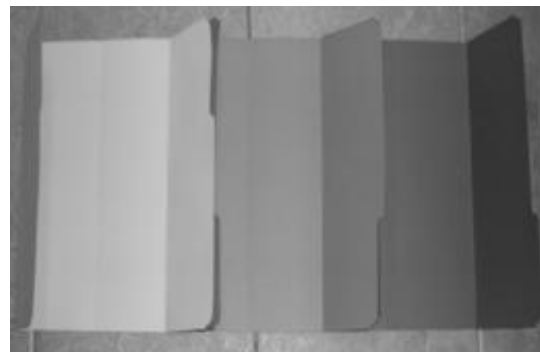
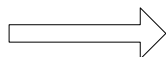


Photo of a completed lapbook base



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)

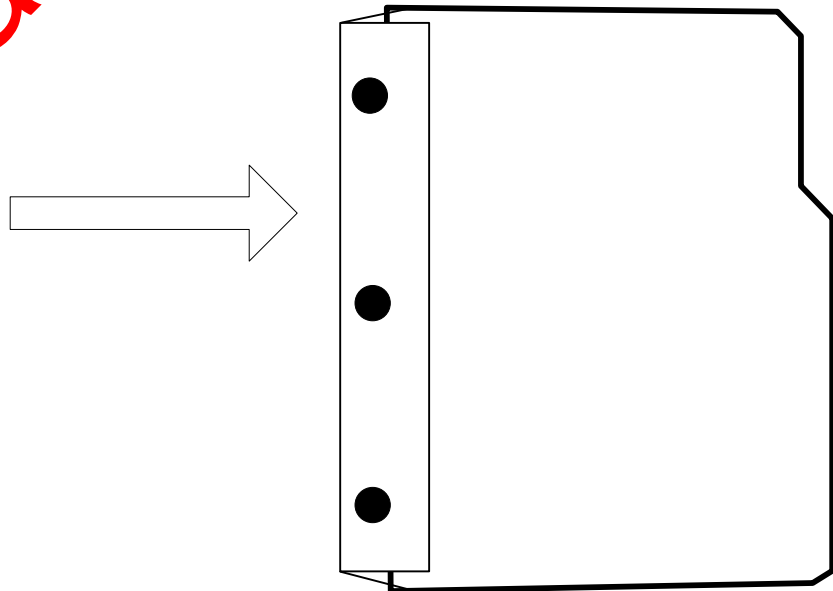
See details below about the use of a storage system.

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

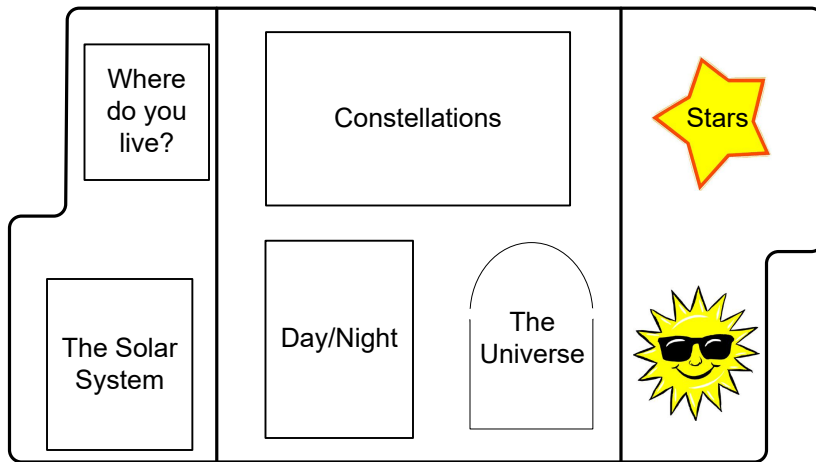
My child has made several lapbooks. Can I store all of the lapbooks together in one place?

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.

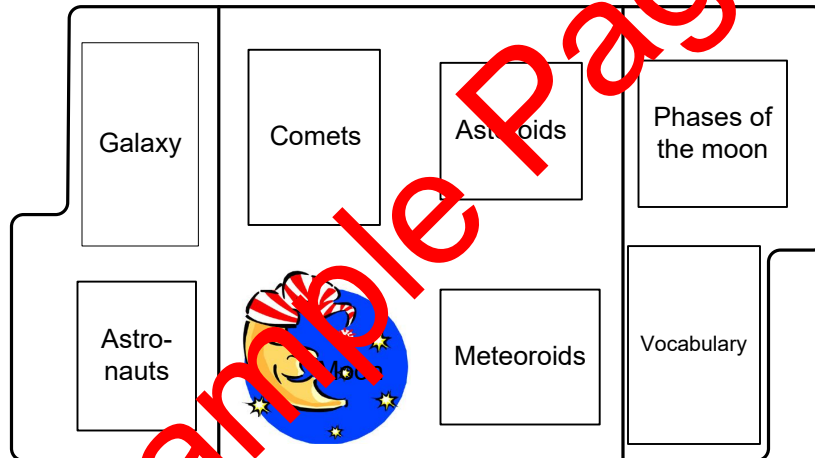
Close the lapbook. Measure a piece of duct tape that is as long as the lapbook. Place the edge of the duct tape on the top edge of the lapbook. Then fold the duct tape over so that it can be placed on the bottom edge. Make sure to leave enough duct tape sticking out from the edges to punch three holes. 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.



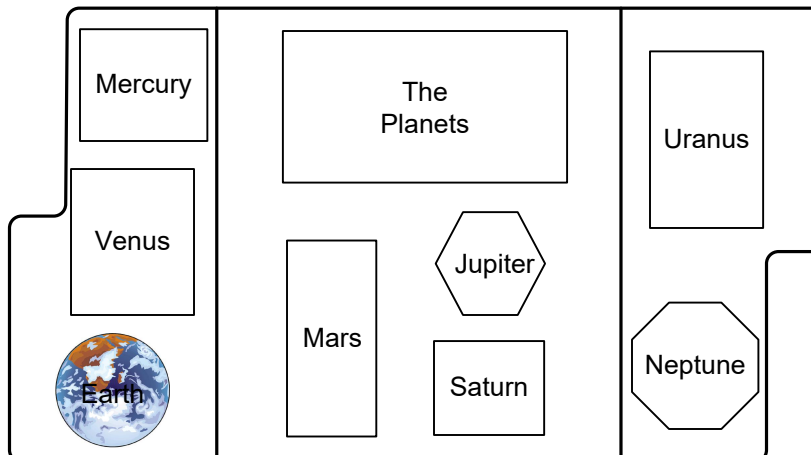
Folder 1



Folder 2



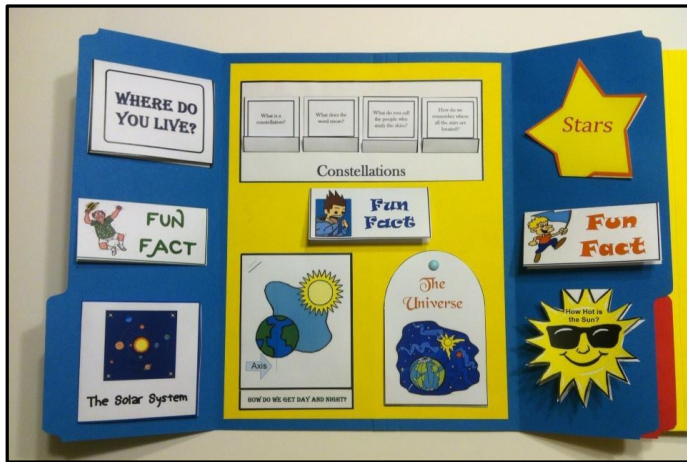
Folder 3



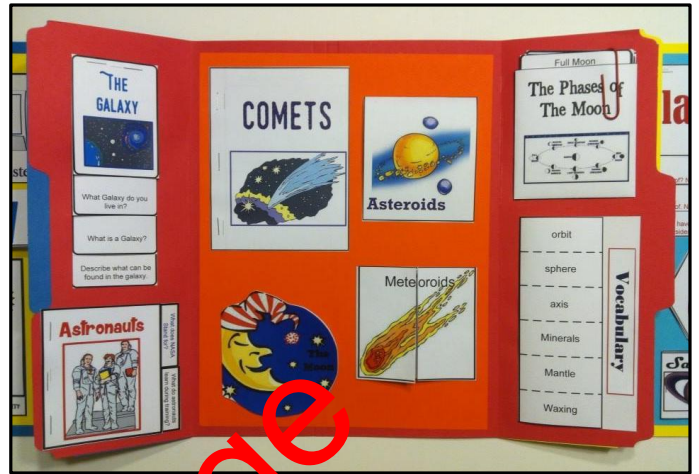
Exploring Astronomy Assembled

Use the photos as a guide to constructing your lapbook

Folder 1



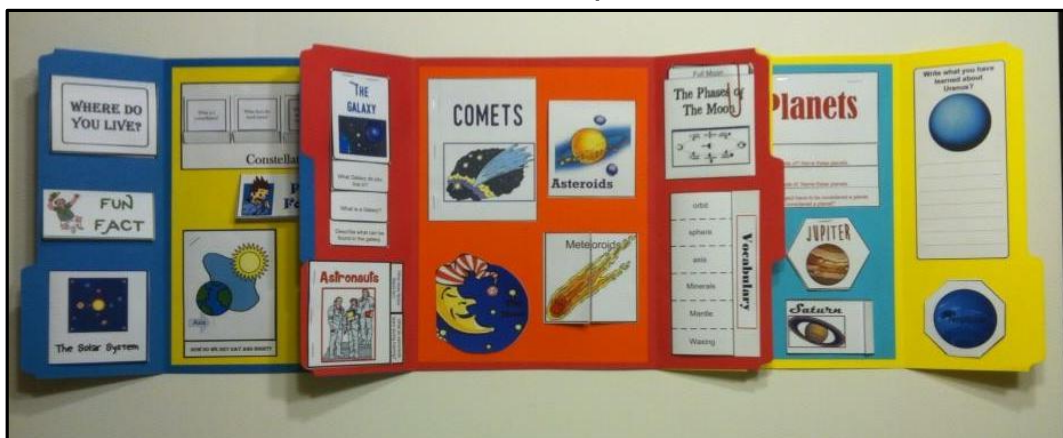
Folder 2



Folder 3



Entire Lapbook



Exploring Astronomy

Lapbook



Name _____

Glue this page to front of closed lapbook

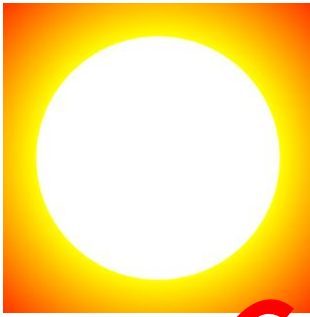
Where Do You Live!

Did you know that you live on a planet that revolves around the sun?



The Earth

And that the sun is just one of billions of stars in the Milky Way galaxy.



The Sun

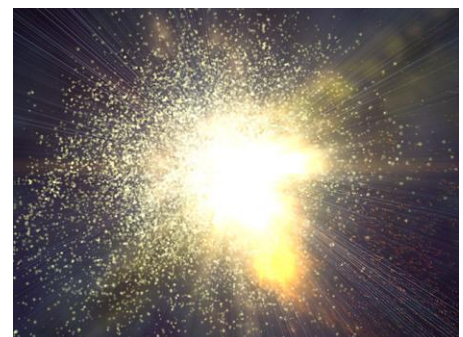


The Milky Way

And the Milky Way galaxy is just one of billions of galaxies in the universe!

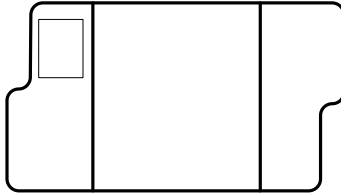


Galaxy



Universe

Folder 1



Read **Where You Live!**

Cut out as one piece. Accordion fold on lines. Glue into lapbook.

Directions: Cut out the labels and glue them into booklet from the smallest place to largest. (planet, galaxy, universe) Write what you know about each.

Planet

Galaxy

Universe

Sample Page

**WHERE DO
YOU LIVE?**

Solar System

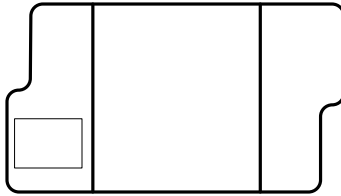
When you gaze up at the dark sky at night and watch the stars twinkling, do you ever stop and consider what is actually out there? Out in that total darkness, there is an entire solar system at work! The word "solar system" refers to the sun and all of the objects that travel around it.

The Solar System is a huge and vast. We are going to break things down into small pieces to make it easier to understand. Our solar system is shaped like an egg and in the center is the sun. The sun is the biggest object in our solar system. It contains more than 99% of the solar system's mass. Also located in the solar system are 173 known moons, natural satellites (such as the moon), interplanetary dust, and meteoroids.

The solar system is divided into separate regions. The inner Solar System, also known as the terrestrial planets, includes the four terrestrial planets that are the closest to the sun. They are solid spheres of rock and include Mercury, Venus, Earth, and Mars. The main asteroid belt lies between the orbits of Mars and Jupiter.

The outer Solar System is everything beyond the asteroids. This includes the four large, gaseous, sphere planets with rings. They are Jupiter, Saturn, Uranus, and Neptune. A new region, the Kuiper belt, was discovered in the outermost parts of the Solar System beyond Neptune.

Folder 1



Read **Solar System**.

Cut out as one booklet. Fold down flap and then fold over the other. Glue into lapbook. Cut out the labels and glue onto blank sides of booklet.

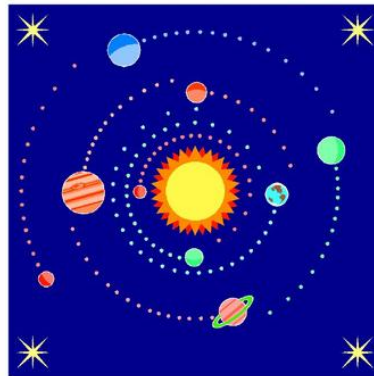
Directions: Answer the questions.

What is a solar system?

What is located inside of the solar system?

What is the largest object in the solar system?

How many planets are located in our solar system?



The Solar System

Sample Page