

Basic Astronomy Lapbook



Designed for K-8th
grades

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Basic Astronomy Lapbook

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ISBN #

Ebook: 978-1-61625-171-0

CD: 978-1-61625-172-7

Printed: 978-1-61625-173-4

Assembled: 978-1-61625-174-1



Publisher: Knowledge Box Central

[Http://www.knowledgeboxcentral.com](http://www.knowledgeboxcentral.com)

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This book is dedicated to my amazing family. Thank you to my wonderful husband, Scott, who ate a lot of leftovers, listened to a lot of whining (from me!), and sent lots of positive energy my way. Thank you to my daughter, Shelby, who truly inspired me through her love for learning. Thank you to my parents, Judy and Billy Trout, who taught me to trust in my abilities and to never give up.

How do I get started?

First, you will want to gather your supplies. Depending on which format you purchased from us, you will need different supplies. So, take what applies, and skip over the rest.

*** Printing:

*Print instructions and study guide on white copy paper.

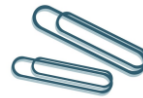


*Print the booklet templates on 24# colored paper or 110# cardstock.

For some booklets, we have suggested specific colors or cardstock. You may choose to use those suggested colors, or you may choose to print on any color that you like.



*** Assembly:



***Folders:** We use colored file folders, which can be found at Walmart, Sam's, Office Depot, Costco, etc. You will need between 2 and 4 file folders, depending on which product you have purchased. You may use manilla folders if you prefer, but we have found that children respond better with the brightly colored folders. Don't worry about the tabs...they aren't important. If you prefer, you can purchase the assembled lapbook bases from our website.



***Glue:** For the folder assembly, we use hot glue. For booklet assembly, we use glue sticks and sometimes hot glue, depending on the specific booklet. We have found that bottle glue stays wet for too long, so it's not a great choice for lapbooking.



***Other Supplies:** Of course, you will need scissors. Many booklets require additional supplies. Some of these include metal brad fasteners, paper clips, ribbon, yarn, staples, hole puncher, etc. You may want to add decorations of your own, including stickers, buttons, coloring pages, cut-out clipart, etc. The most important thing is to use your imagination! Make it your own!!

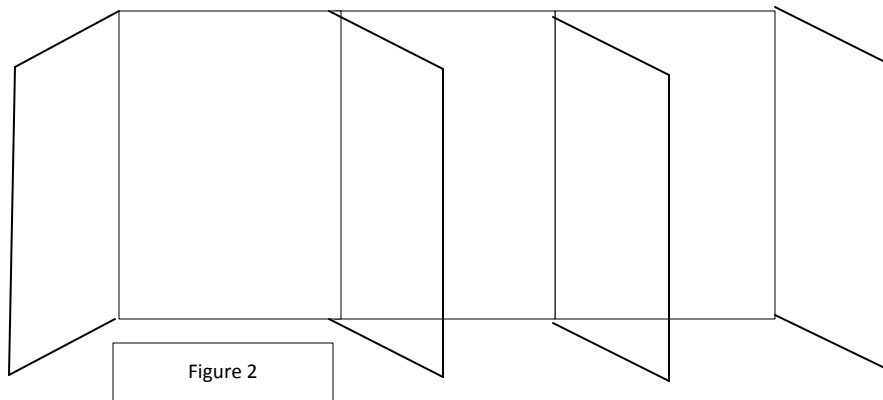
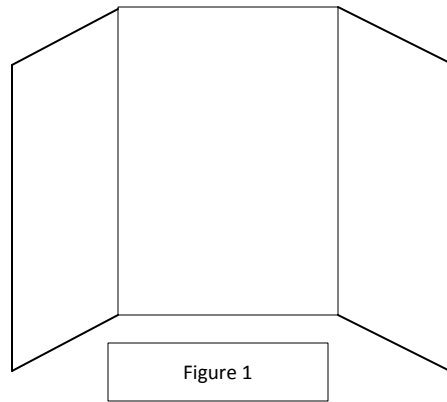


Ok. I've gathered the supplies. Now how do I use this product?

Inside, you will find several sections. They are as follows:

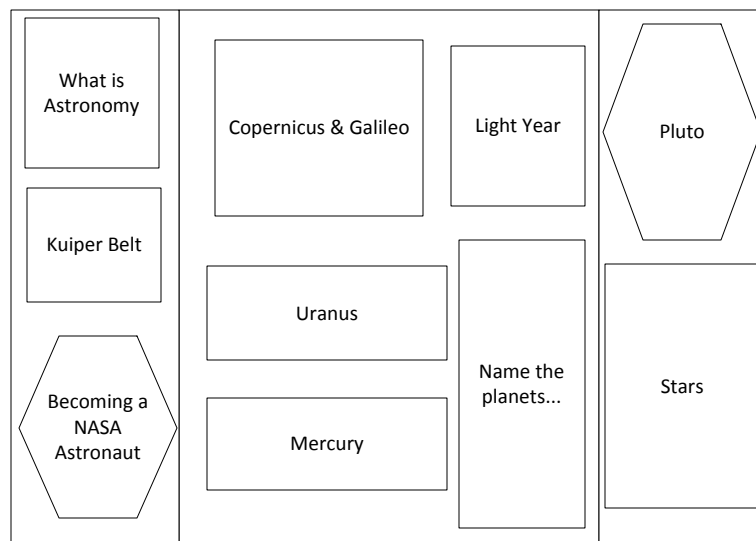
1. **Student Instruction Guide:** This section is written directly to the student, in language that he or she can understand. However, depending on the age of the child, there may be some parent/teacher assistance needed. This section will also tell the student exactly how to put the lapbook together, what should be written inside each booklet as he or she comes to it during the study, as well as telling the student which folder each booklet will be glued into. Depending on the student's age, he or she may need assistance with this process, especially if you choose to allow the student to use hot glue.
2. **Booklet Templates:** This section includes ALL of the templates for the booklets. These have been printed on colors that will help to improve retention of the information presented, according to scientific research on color psychology.
3. **Teacher/Study Guide:** This section is a great resource for the parent/teacher. In this section, you will find the page number where each answer may be found in the book. You will also find suggestions of extra activities that you may want to use with your student.

You will need 3 folders of any color. Take each one and fold both sides toward the original middle fold and make firm creases on these folds (Figure 1). Then glue (and staple if needed) the backs of the small flaps together (Figure 2).

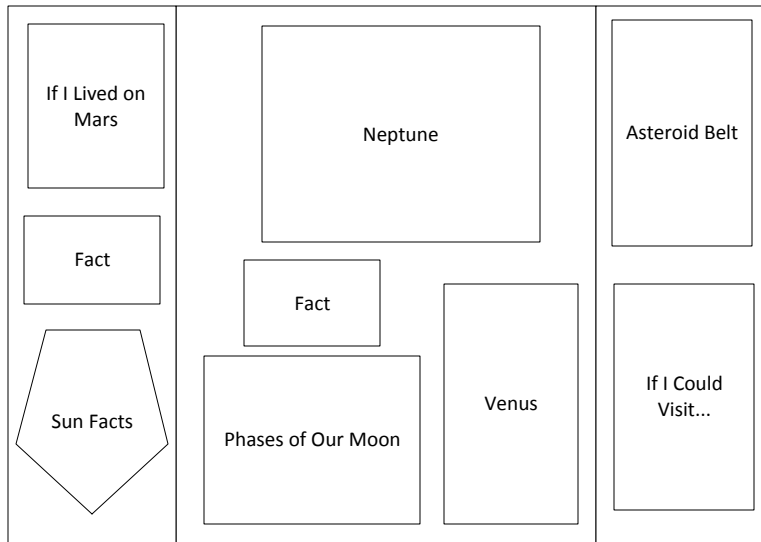


This is the "Layout" for your lapbook. The shapes are not exact on the layout, but you will get the idea of where each booklet should go inside your lapbook.

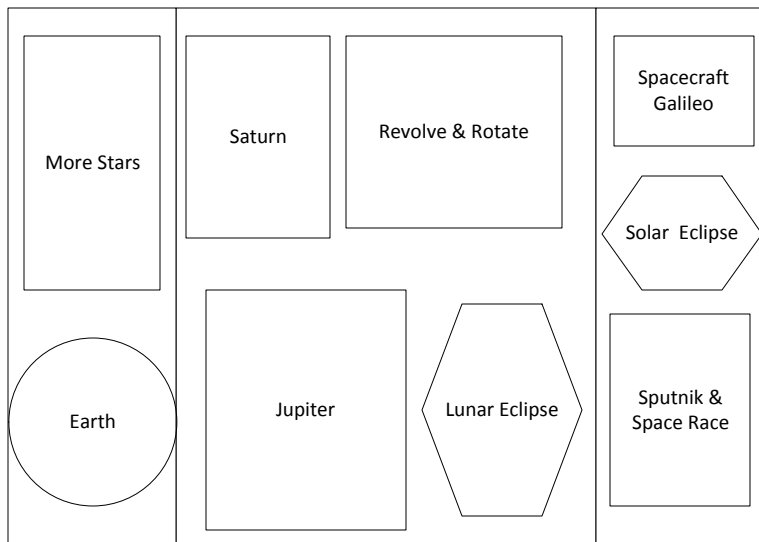
Inside of 1st Folder:



Inside of 2nd Folder:

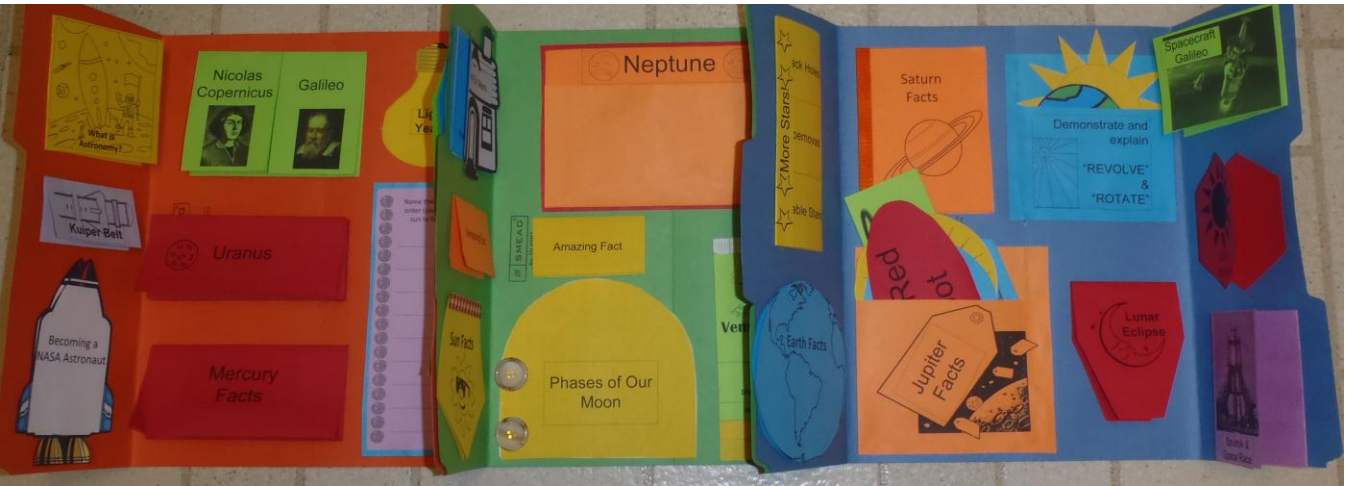


Inside of 3rd Folder:



Below you will find pictures of a completed lapbook. This should help in figuring out how to assemble the booklets and then how to put it all together!

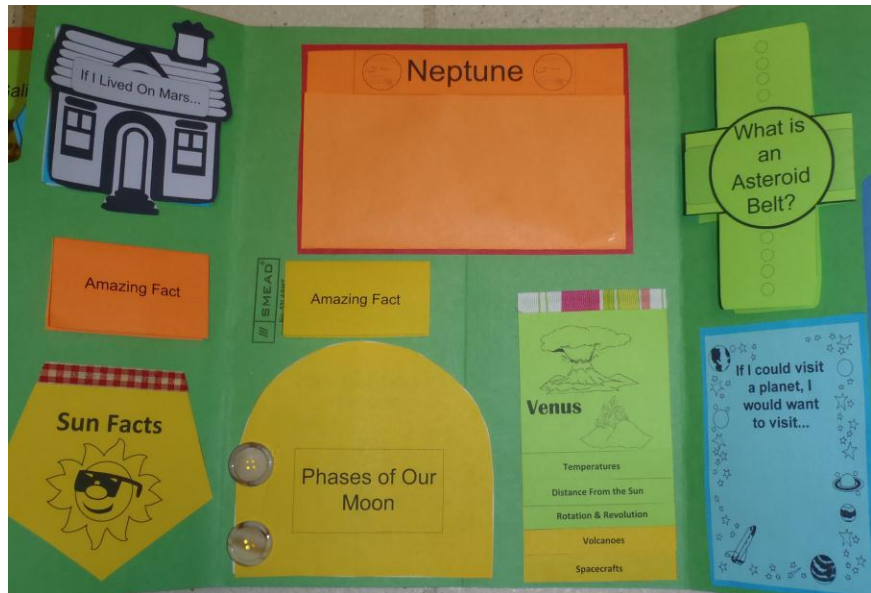
Also, there is a page of close-up pictures of some of the booklets that may be a little more confusing to assemble. These pictures should help.



Folder #1



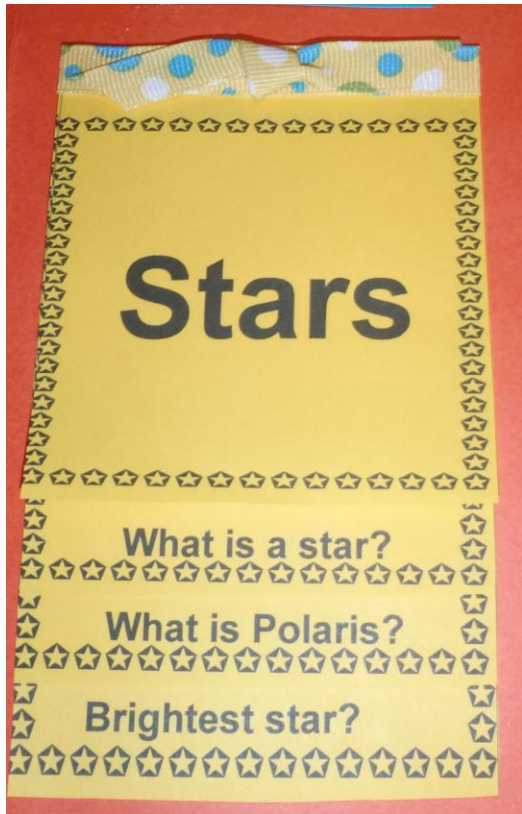
Folder #2



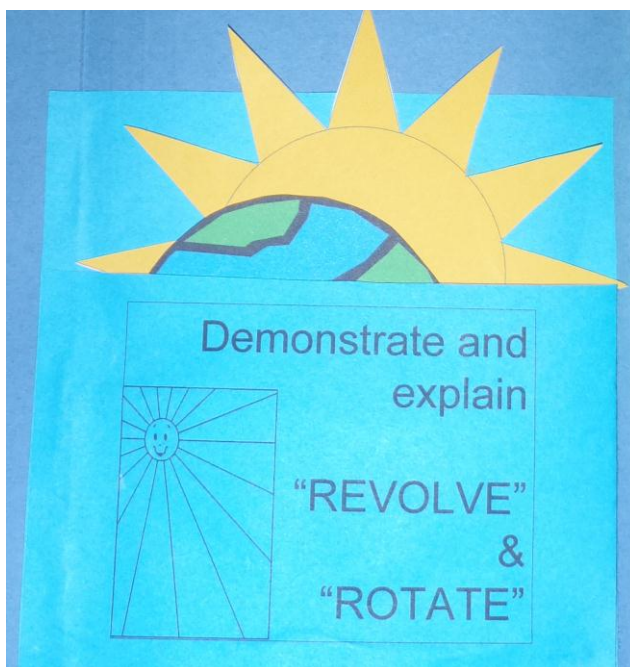
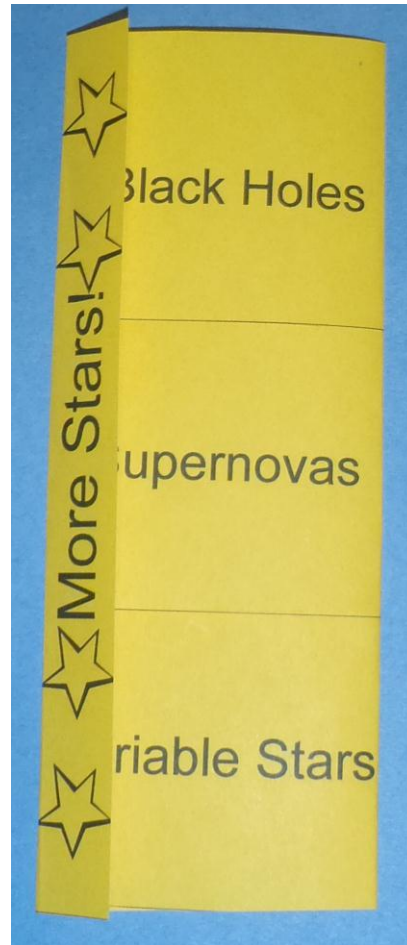
Folder #3



Booklet #3



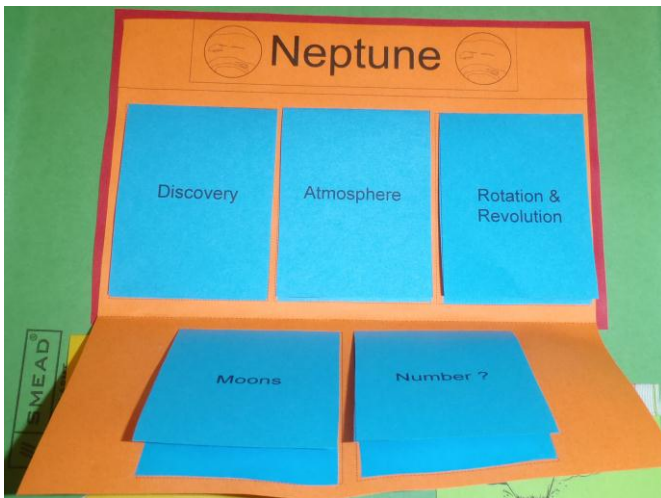
Booklet #4



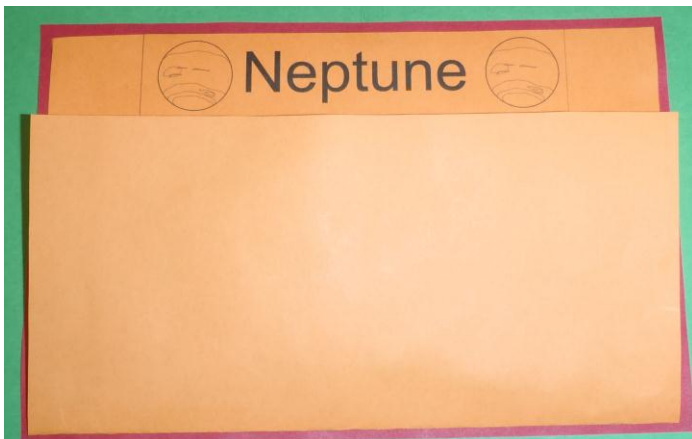
Booklet #9



Booklet #17



Booklet #21



Basic Astronomy
Lapbook
Student Instruction Guide

What do I put on the outside of my lapbooks?

The cover of your lapbook has purposely been left blank so that you may decorate it in any style you choose. Here are a few suggestions:

1. Go to www.enchantedlearning.com, and print out pictures of people, places, events.
2. Draw a picture of some of the spacecraft and people you learned about during your study.
3. Use your search engine to find coloring pages or clip art that tell about your study.
4. Use stickers to decorate.
5. Go to <http://www.dltk-kids.com/world/index.htm> or <http://www.edupics.com/> and print out coloring sheets or crafts to use on the cover or various places within your lapbook.
6. Cover the outside in black or dark blue paper, and glue stars and planets all over. You could even add a few spacecrafts.

Basic Astronomy Lapbook

Student Instruction Guide

Booklet #1

***Booklet Title:** What is Astronomy? Booklet

***Student Instructions:** Inside this booklet, write the definition of the word “astronomy.”

***Completed booklet will be glued into Folder #1** (See Layout)

****Assembly Instructions:** Cut out along the outer black line edges. Fold along the center line so that the title is on the front.

Booklet #2

***Booklet Title:** Planets in Order... Booklet

***Student Instructions:** Can you name the planets in order from the sun? Going from closest to the sun to farthest from it, list them here.

***Completed booklet will be glued into Folder #1** (See Layout)

****Assembly Instructions:** Cut out along the outer black line edges. Glue to another piece of paper of a different color, and trim around the edges to create a small border.

Booklet #3

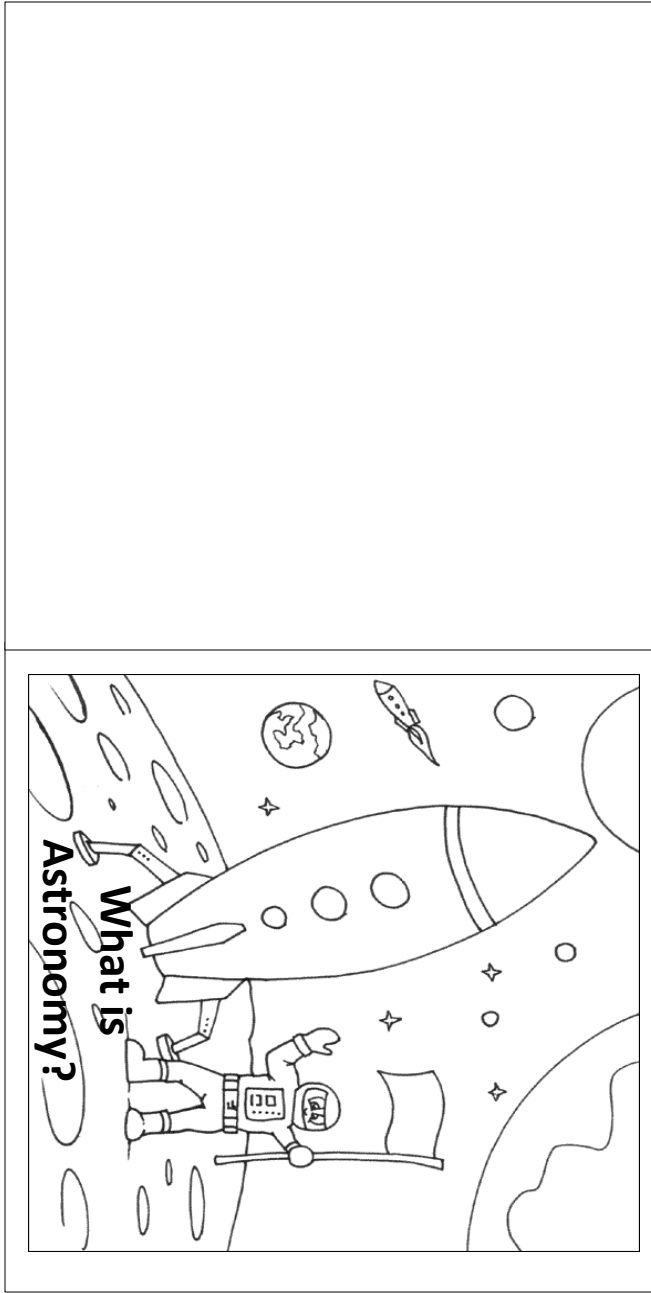
PICTURE on page 9

***Booklet Title:** Stars Booklet

***Student Instructions:** I’m sure you’ve seen plenty of stars, but do you know exactly what they are? Can you find specific ones? Answer the questions within this booklet.

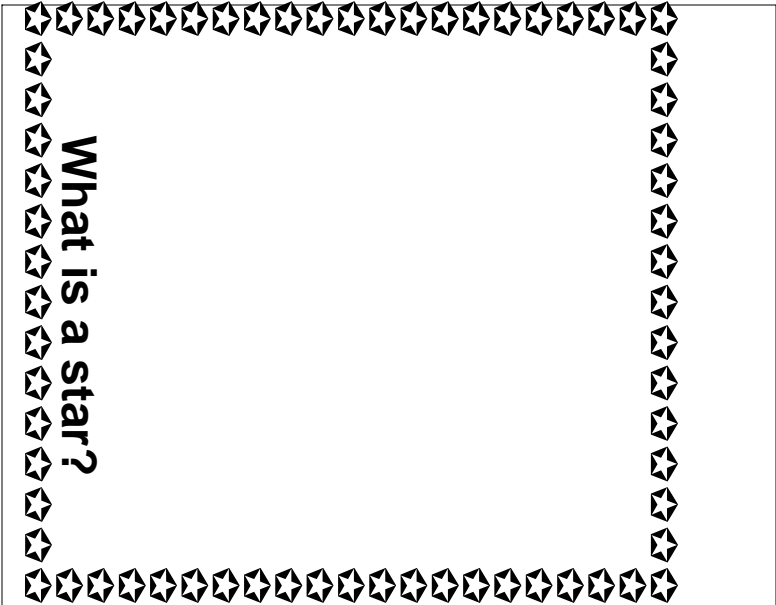
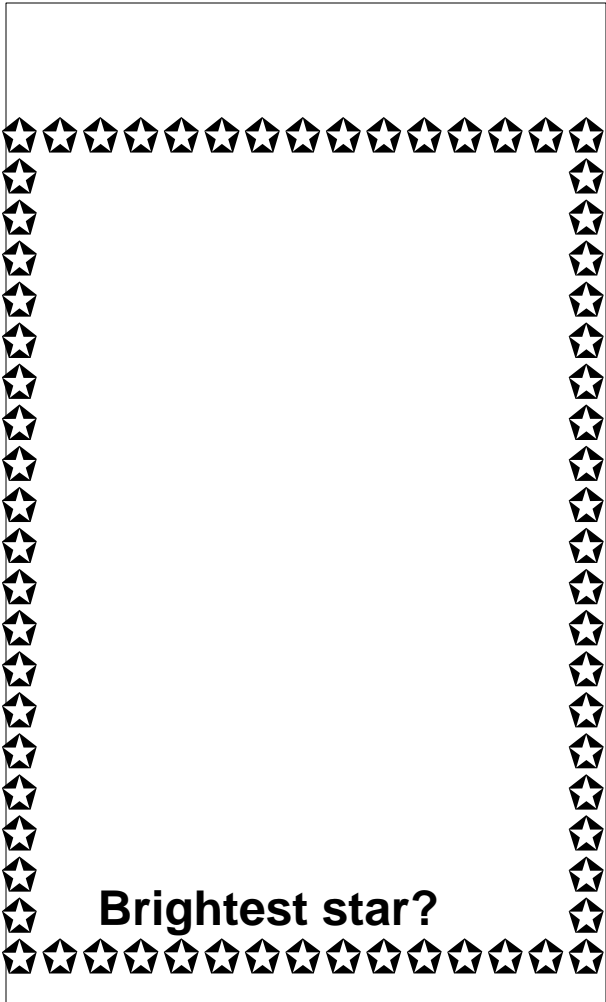
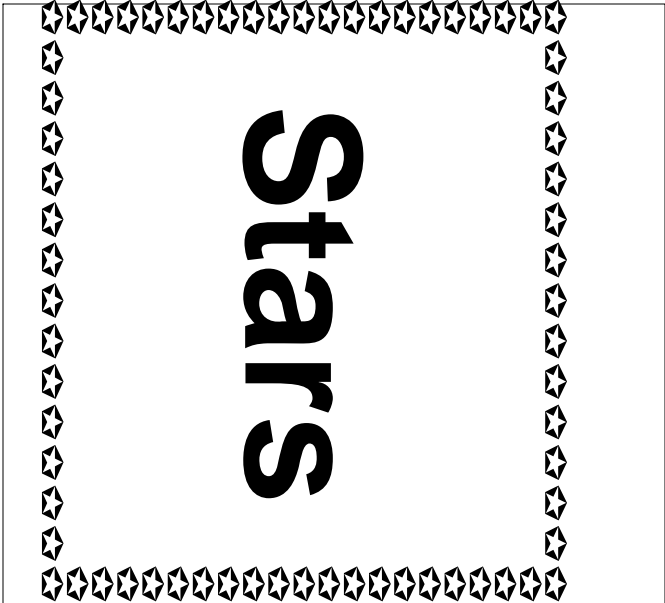
***Completed booklet will be glued into Folder #1** (See Layout)

****Assembly Instructions:** Cut out along the outer black line edges of each page. Stack them with the title on top and longer pages toward the back. At the top of the stack, punch 2 holes and secure with metal brad fasteners or ribbon. In the picture, you will see that we stapled and covered with ribbon.





Name the planets, in order (closest to the sun to farthest).



Basic Astronomy
Lapbook
Teacher's/Study Guide

Following are website suggestions for your study of astronomy.

Information:

<http://www.enchantedlearning.com/subjects/astronomy/planets/>

<http://starchild.gsfc.nasa.gov/docs/StarChild/StarChild.html>

<http://www.astro.wisc.edu/~dolan/constellations/constellations.html>

<http://earthsky.org/>

<http://www.simpleamateurastronomy.com/>

<http://www.suite101.com/content/beginning-astronomy-with-simple-binoculars-a161742>

http://cse.ssl.berkeley.edu/AtHomeAstronomy/activity_07.html

Printables:

<http://www.enchantedlearning.com/themes/astronomy.shtml>

<http://www.kbteachers.com/astronomy-activities/>

<http://www.supercoloring.com/pages/category/astronomy/>

<http://www.first-school.ws/theme/coloring-pages/transportation/outer-space.htm>