



Any Age

Planets

Express Lapbook

Mini Lapbook, Study Guides, Activities, and Crafts



A Journey Through Learning
www.ajourneythroughlearning.com

Authors-Paula Winget and Nancy Fileccia
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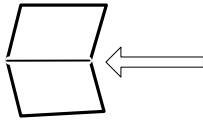
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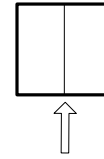
SAMPLE PAGE

Things to Know

Hamburger Fold-Fold horizontally



Hotdog Fold-Fold vertically

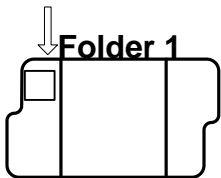


Dotted Lines-These are the cutting lines.

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

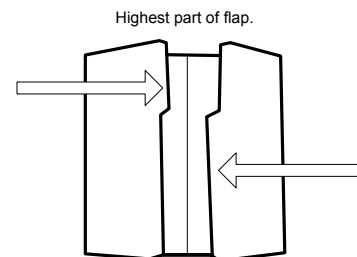
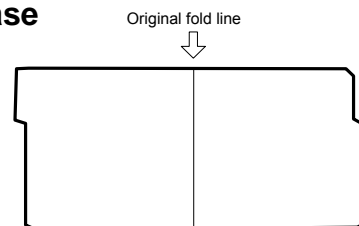


This placement key tells you the template goes in the first folder at the top of the left flap.

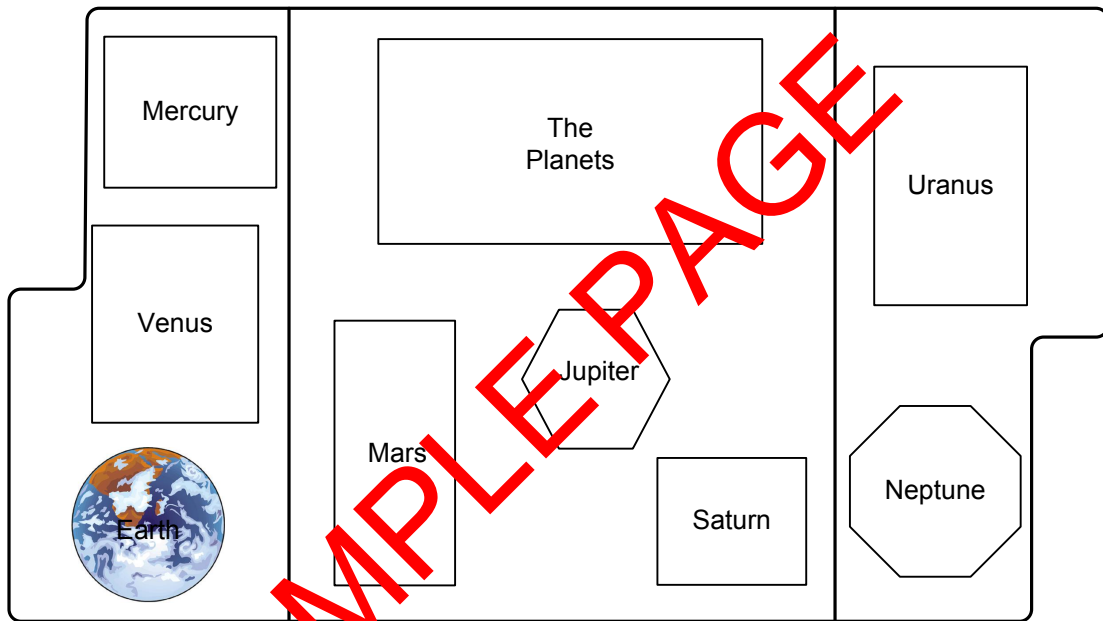
Folding a Lapbook Base

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.*

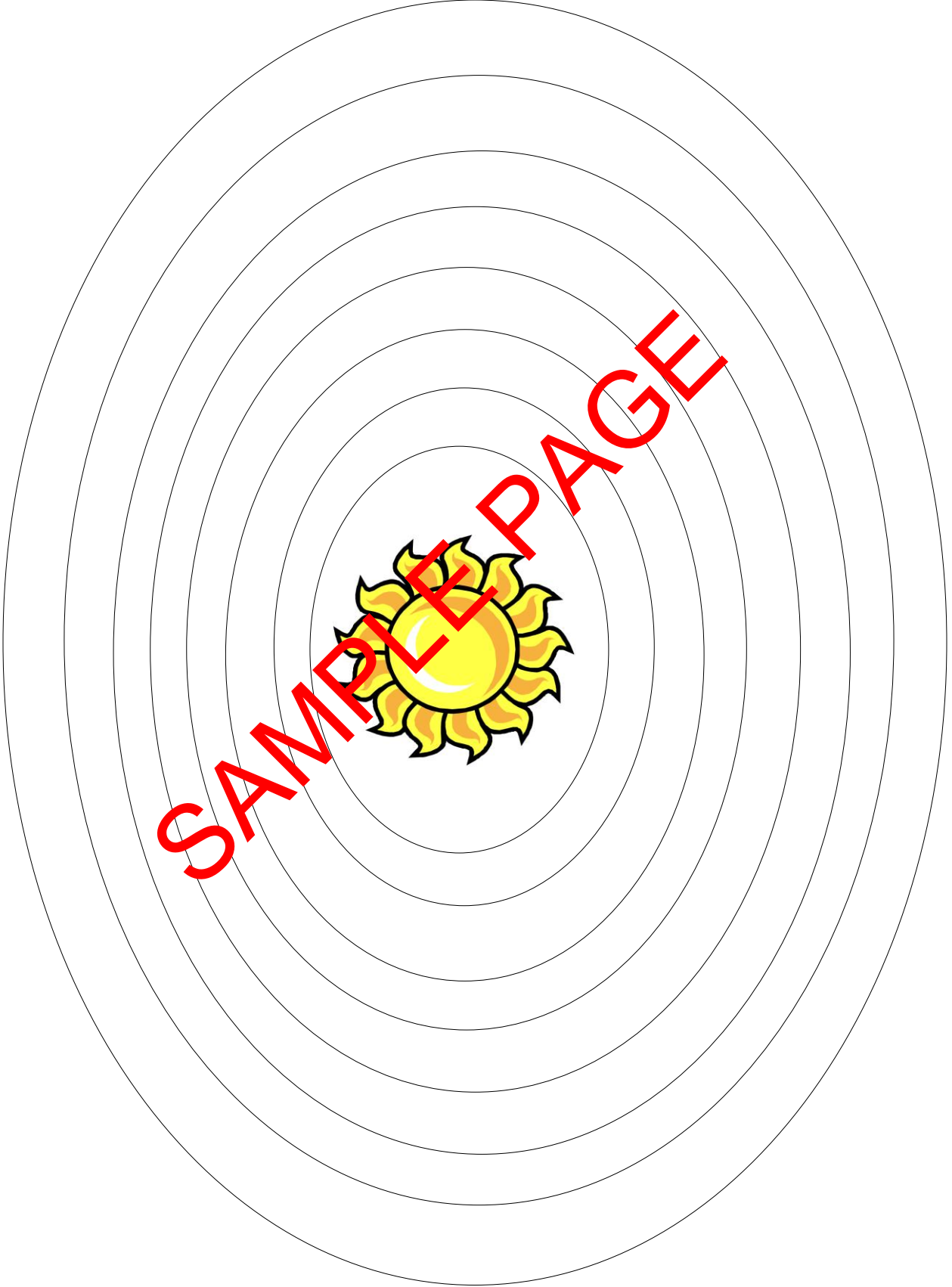


Placement of booklets



Complete the Scene

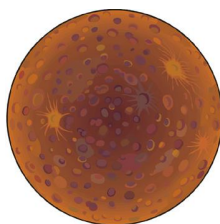
Cut on dotted line. Glue to the back of your folder. Draw the planets orbiting the sun.



Mercury

The smallest of all the planets is Mercury. It is one of the inner planets and is closest to the sun. It orbits the sun once every 88 days. Of all the planets, Mercury has the smallest axial tilt. Mercury gets its name from the Roman god Mercury and the Greek god Hermes.

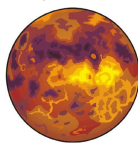
The surface of Mercury is covered with craters just like our moon. Some of its regions have smooth plains. There are no natural satellites and no substantial atmosphere found on Mercury. Due to the massive size of its core, or inter center, the planet is exceptionally dense. The surface temperature of the planet ranges from about -297°F to 801°F .



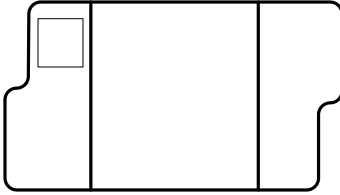
Venus

The second-closest planet to the sun is Venus. It takes 224.7 Earth days to complete its orbit of the sun. Venus gets its name from the Roman goddess of love. If you look up into the night sky, you will be able to see Venus. It is the brightest in the sky, besides the moon. The best time to see Venus is shortly before sunrise or shortly after sunset. Because of the times that it can be seen, it is often called the Morning Star or the Evening Star. Many scientists refer to Venus as the "sister planet" to Earth. It is comparable in size, gravity, and bulk composition to Earth. It is covered with an opaque layer of highly reflective clouds of sulfuric acid. This coverage prevents its surface from being seen from space. Venus possesses about 167 giant volcanoes.

Of all the planets, Venus has the densest atmosphere. Its atmosphere consists of mainly carbon dioxide. Since there is no life or ground covering like rocks and mountains, there is no way for the carbon to recycle. Venus is covered almost entirely by a smooth volcanic plain. There are two highland 'continents' that make up the "land" of Venus. Ishtar Terra is located in the northern hemisphere and is about the size of Australia. Aphrodite Terra is the larger of the two. It is about the size of South America. It sits just below the southern tip of the equator.



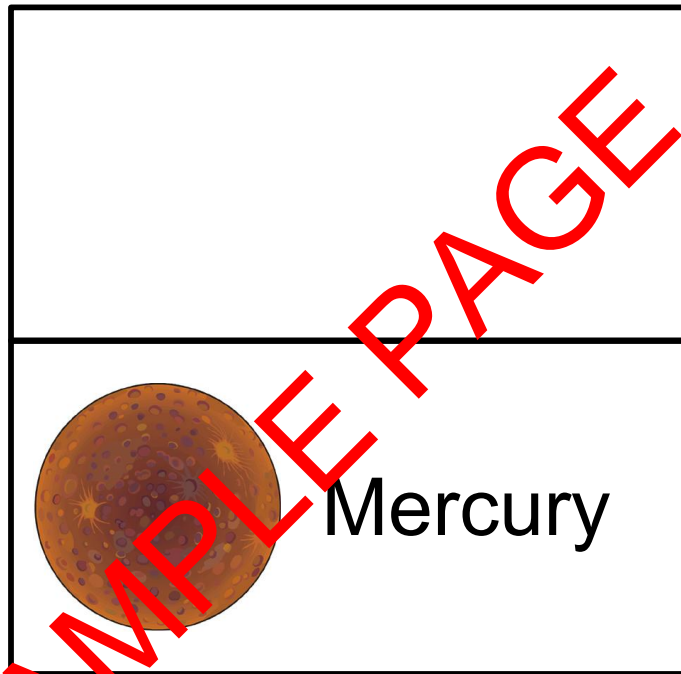
Folder 1



Read **Mercury**.

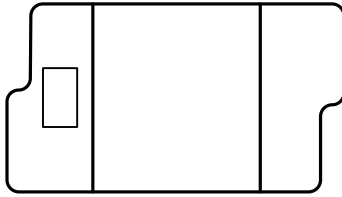
Cut out the booklet as one piece. Hamburger fold in the middle. Glue into lapbook.

Directions: Inside, write what you have learned about Mercury.



Hamburger
fold

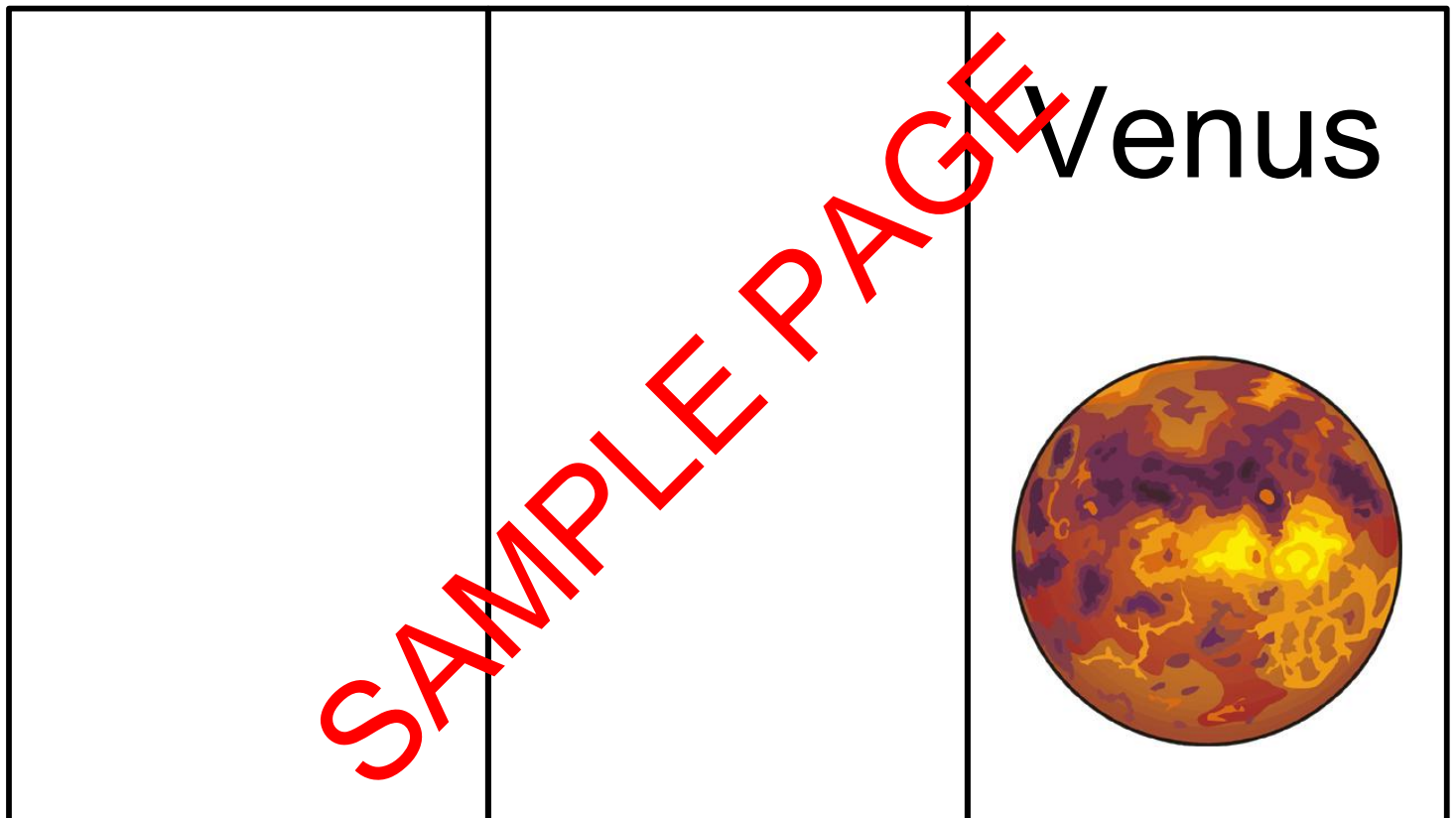
Folder 1



Read **Venus**.

Cut out as one piece. Tri-fold with title page on front. Cut out question tabs and glue onto blank spaces within the booklet. Glue booklet into lapbook.

Directions: Write in answers to the questions.



How close is
Venus to the
sun?

When is the best
time to see
Venus?

Explain why you
can see Venus
without a
telescope.

How many days
does it take for
Venus to orbit the
sun?