

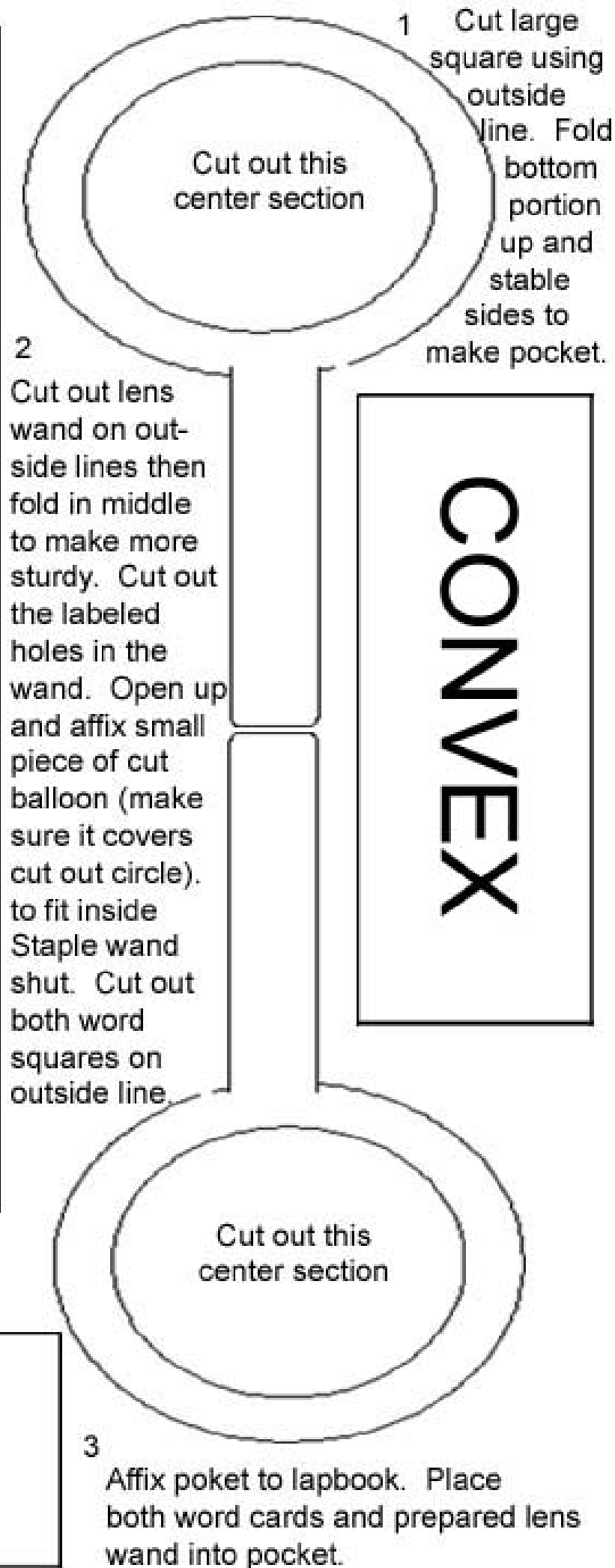
I See a



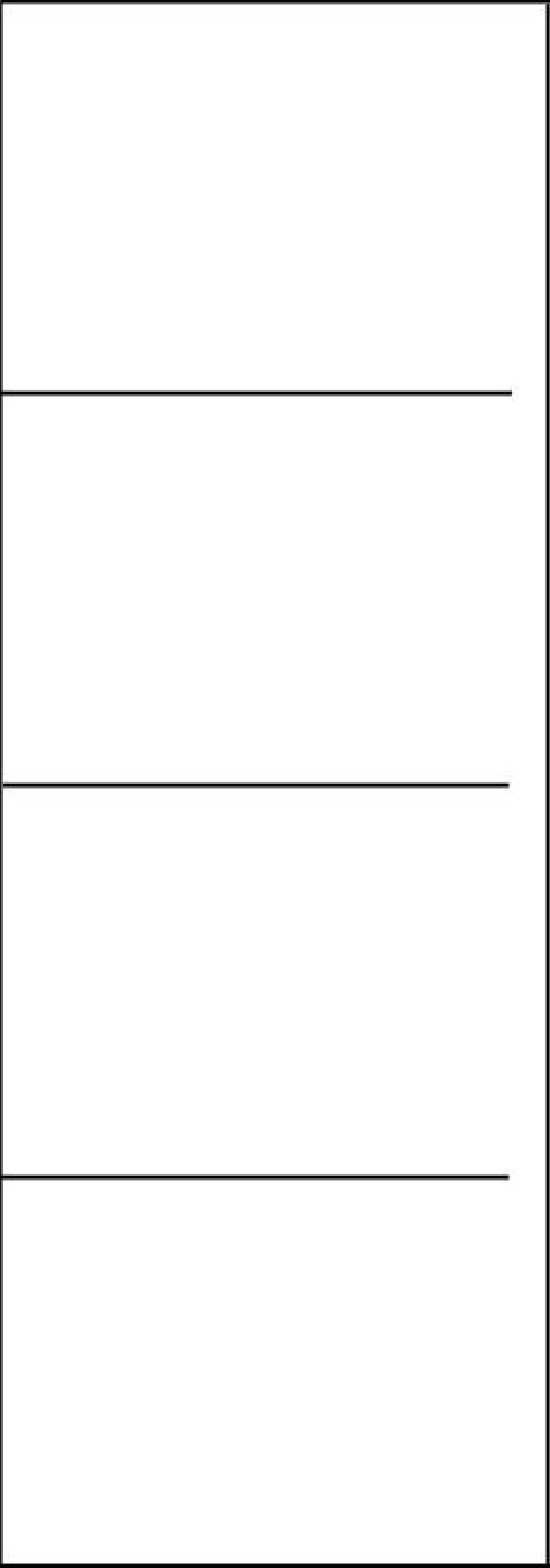
Cut out cat and eye pieces on outside line. Cut the title page along the outside line and connecting tab. Fold tab inward on back side of title page. Glue or tape the tab to back side of cover and trim access paper from it. Cat will be placed inside the pocket on back of cover. staple booklet together with title page on top and then affix to lapbook.

Lenses Of Types

CONCAVE



Cut on outside square. Fold in half vertically (right to left) using center line as guide then staple booklet together. Cut top layer strips on lines provided. Affix to lapbook.

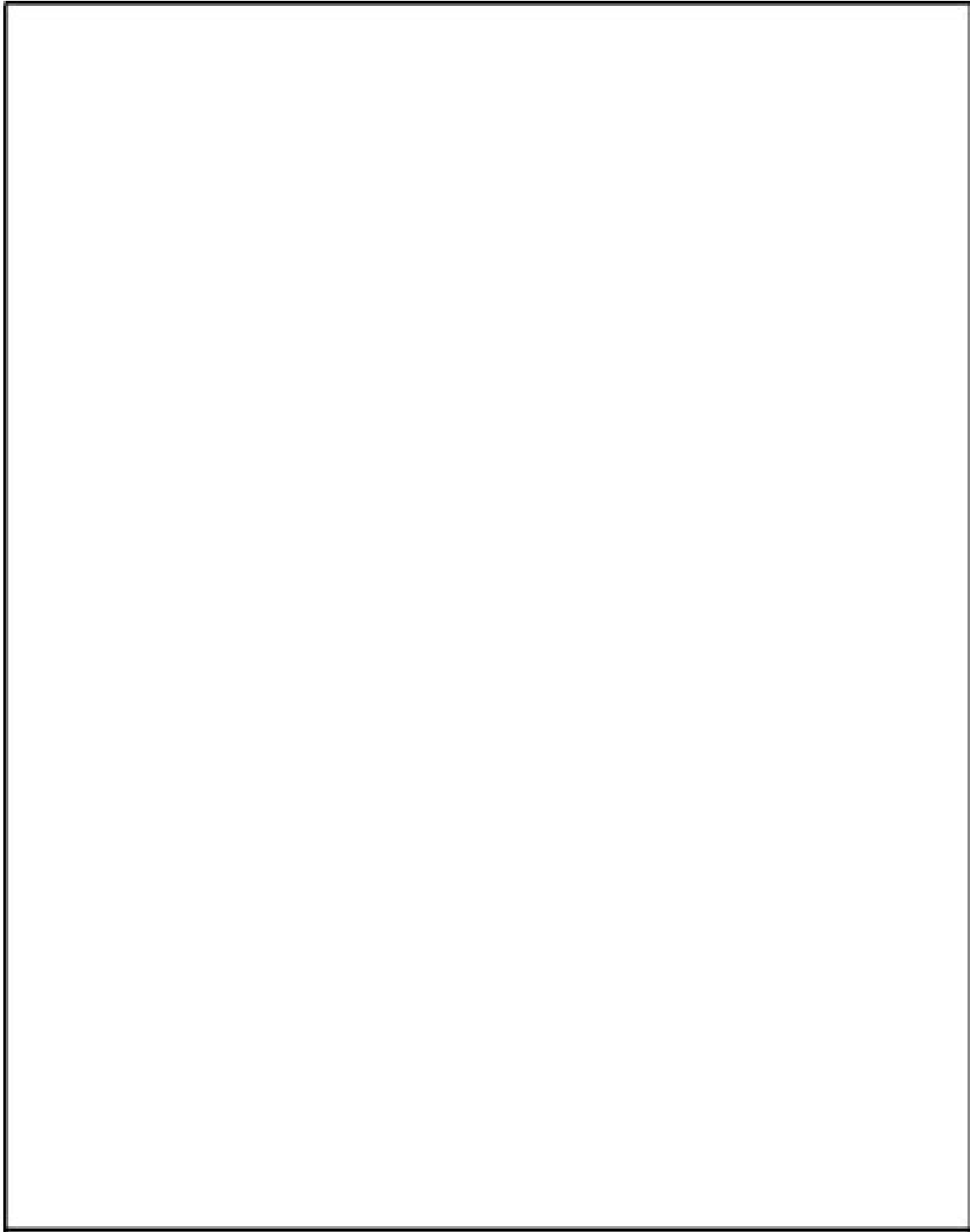


BUMPY SURFACE

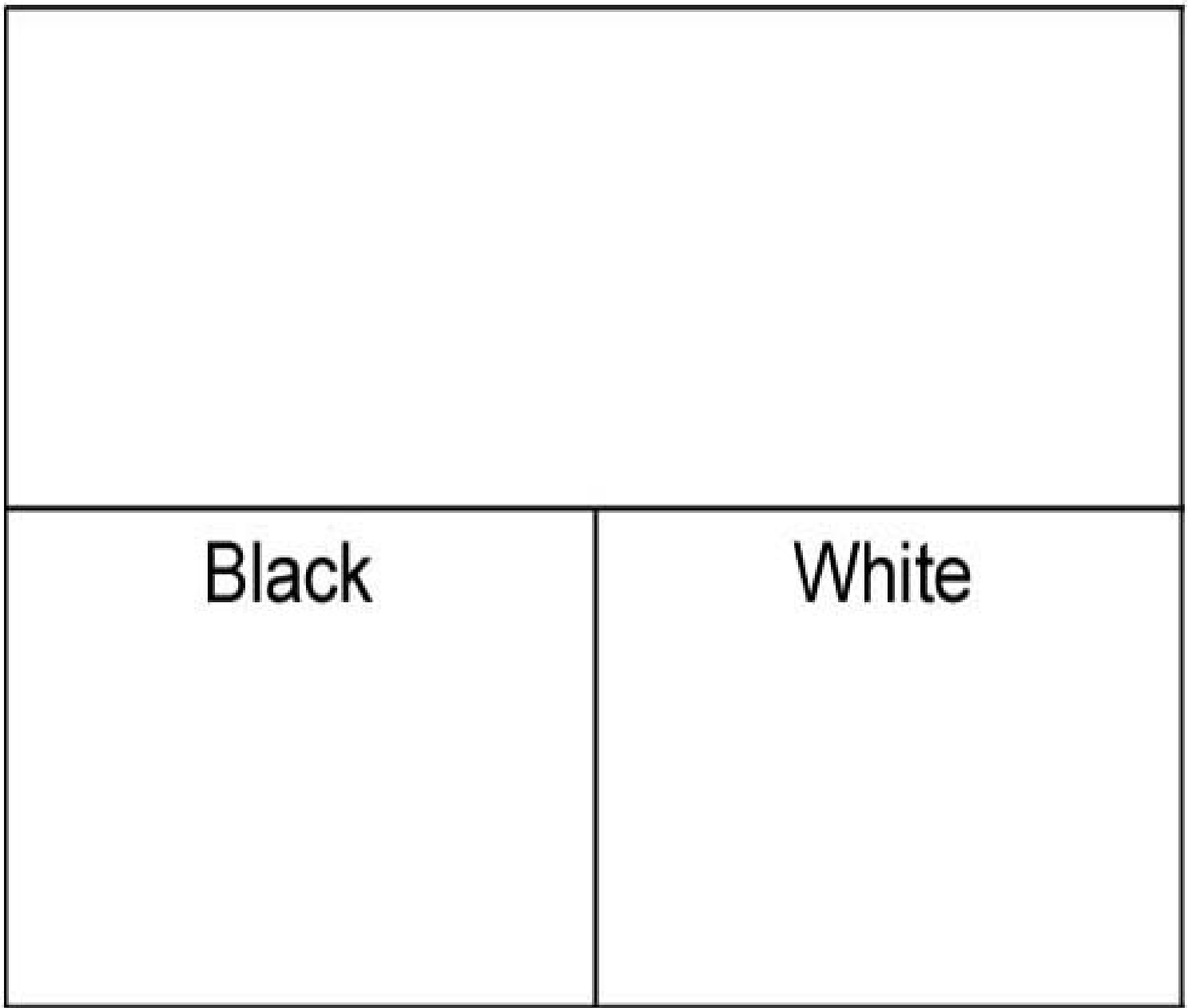
Cut out box
using outside
box. Fold up
both ends on
inside lines
then fold the
complete
booklet in half
vertically from
left to right.

Write on front
cover
"Where is it"

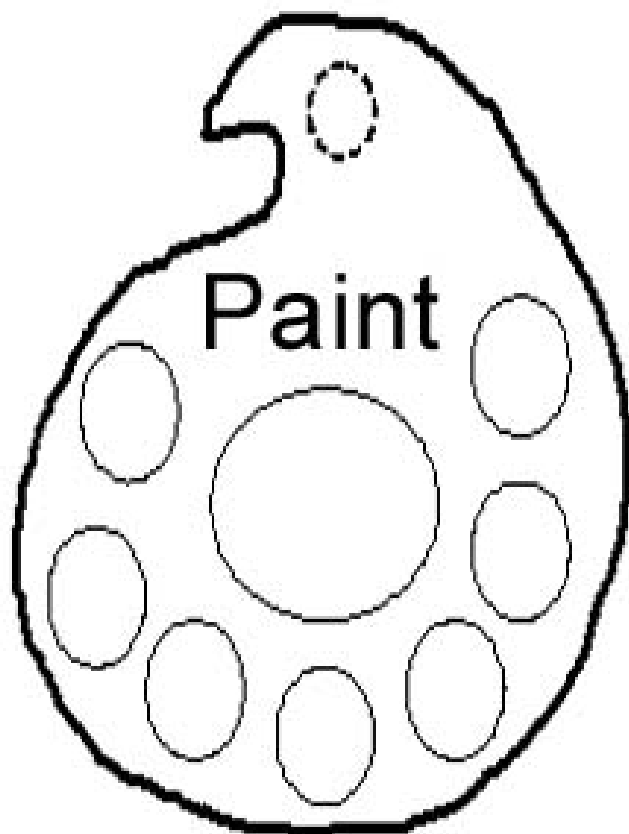
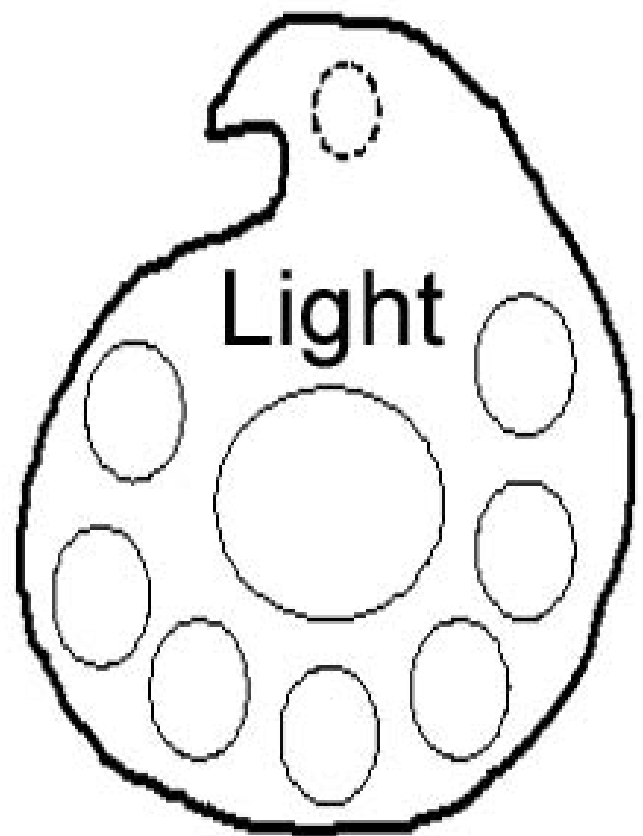
SMOOTH SURFACE



Cut square on outside lines and affix to lapbook to show position of artwork. Keeping the outside area can allow you a template showing size to cut artwork as well as extra paper to use for frame.



Cut along outside circle. Fold in half horizontally (top to bottom) using middle line as a guide. Affix back of booklet to lapbook.



Cut out all 3 palettes. Stack them up with Title page on top. Affix to lapbook using a brad on the dotted circle at the top of the palette image.

Experiment Journal

Cut out all squares using the outside lines. Stack them on top of one another with title page on top and the back page on bottom. Staple on side them affix to lapbook. Before child uses it be sure to have them write thier name, and review the grammar lesson explained on the Northern Lights Photo Album. As they work through the book be sure to point out the steps of the scientific method as they complete the journal.

Back Cover

Problem / Question:

1

Observation / Research

2

Hypothesis

3

Experiment

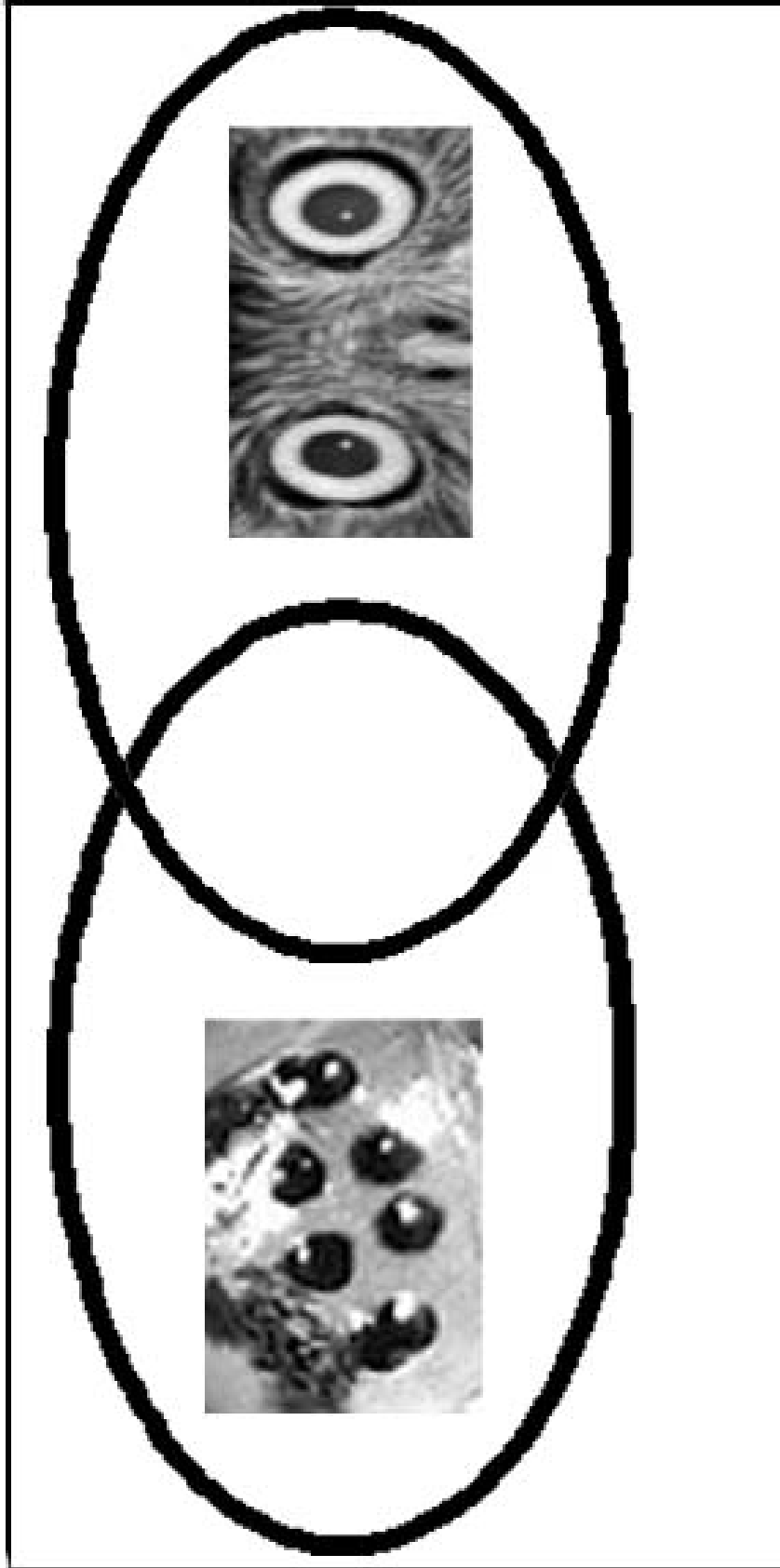
4

Analyze Results

5

Conclusion

6

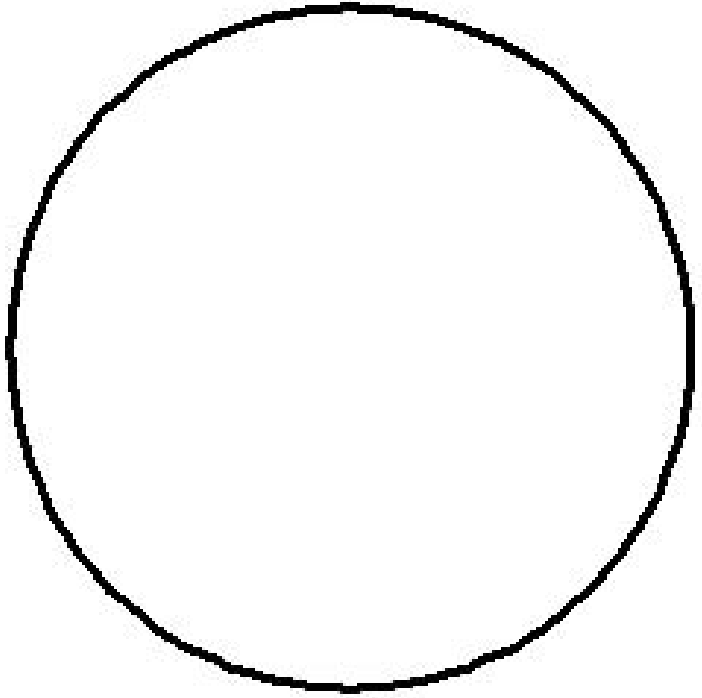
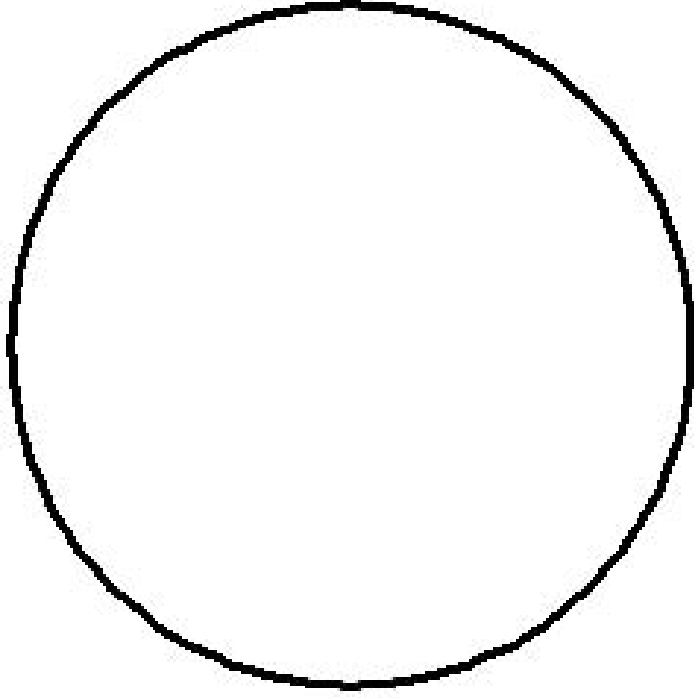
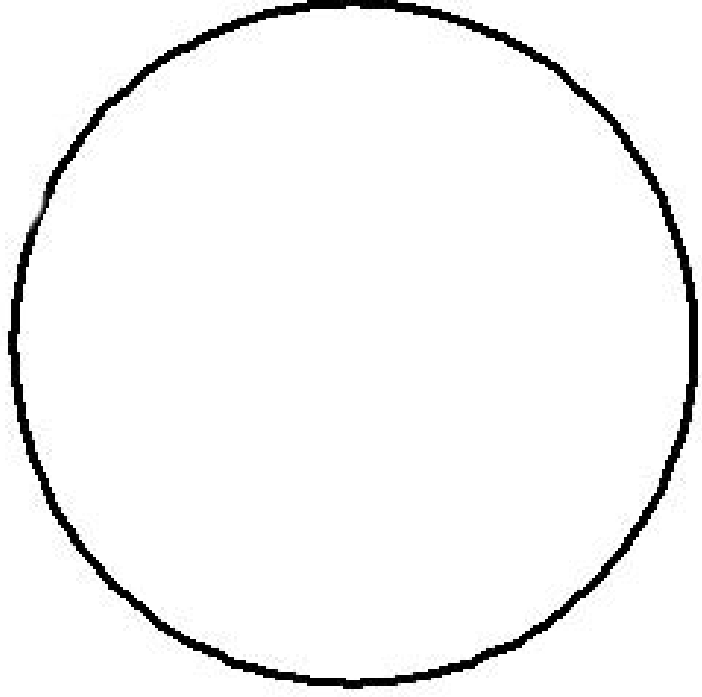
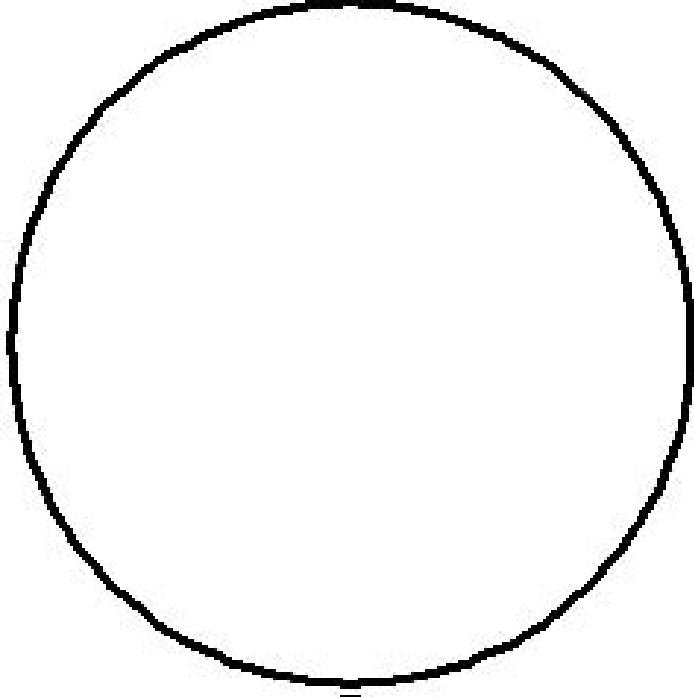
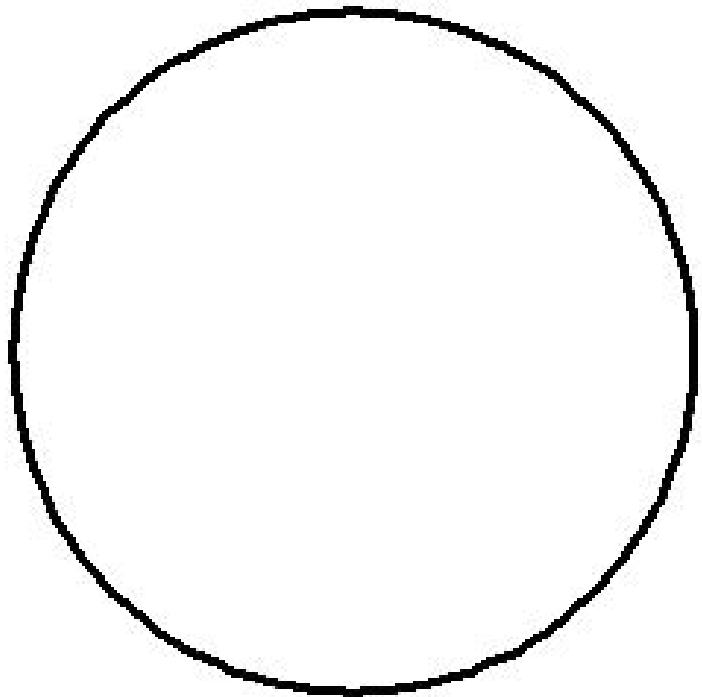
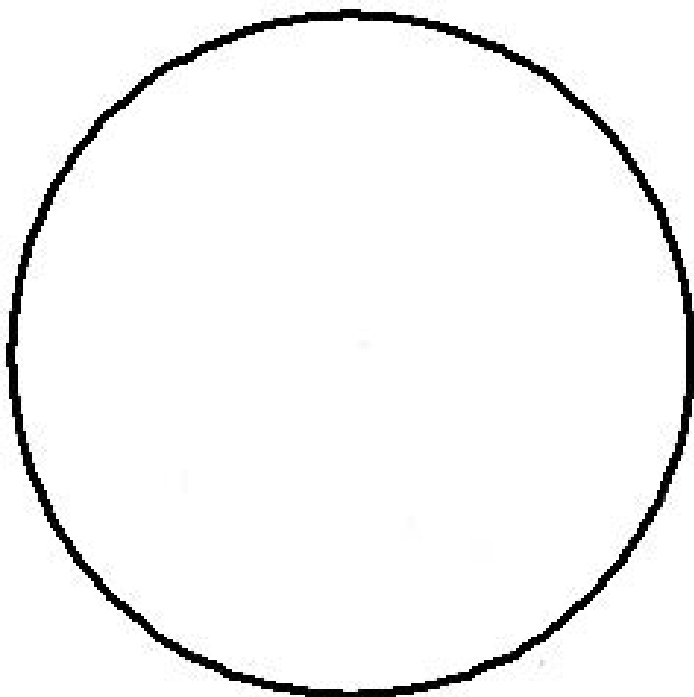


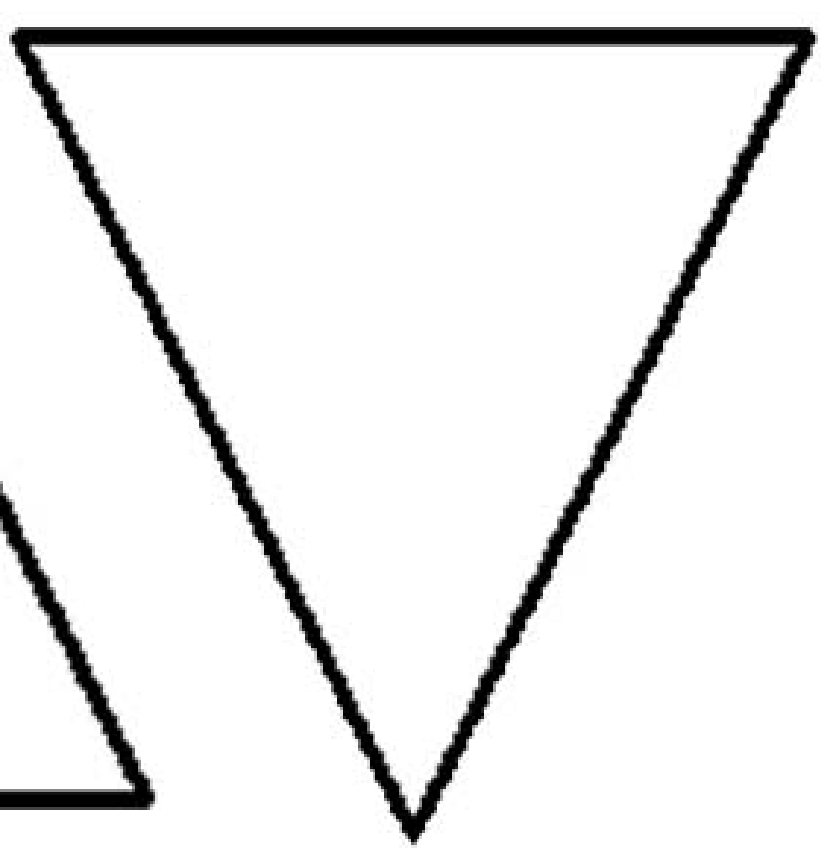
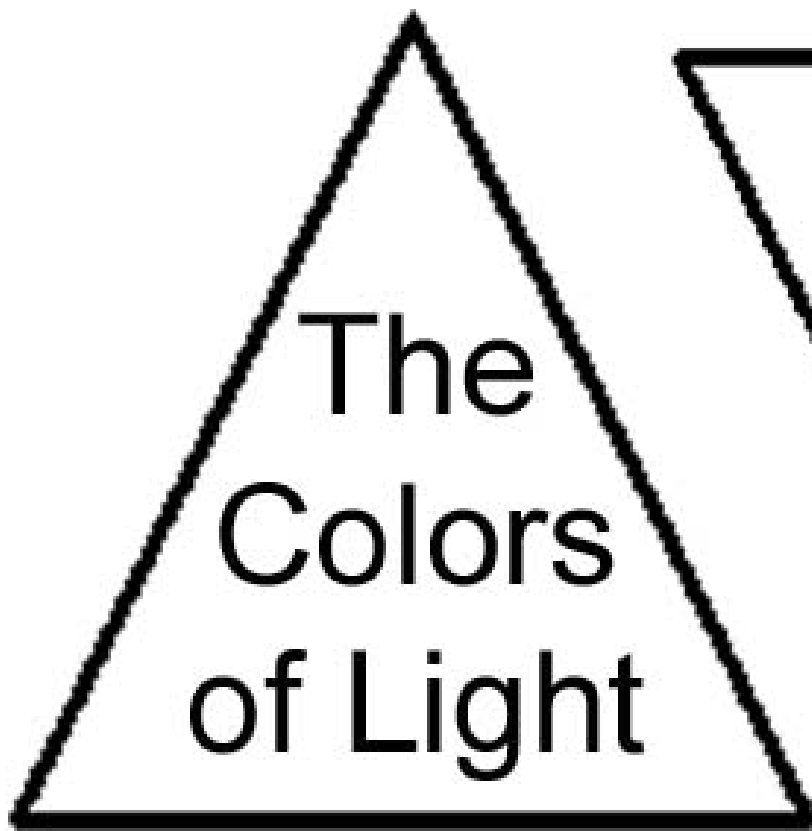
Print, fold in half length wise with image facing out.
Cut on solid lines to make comparison book.

My Lens Story

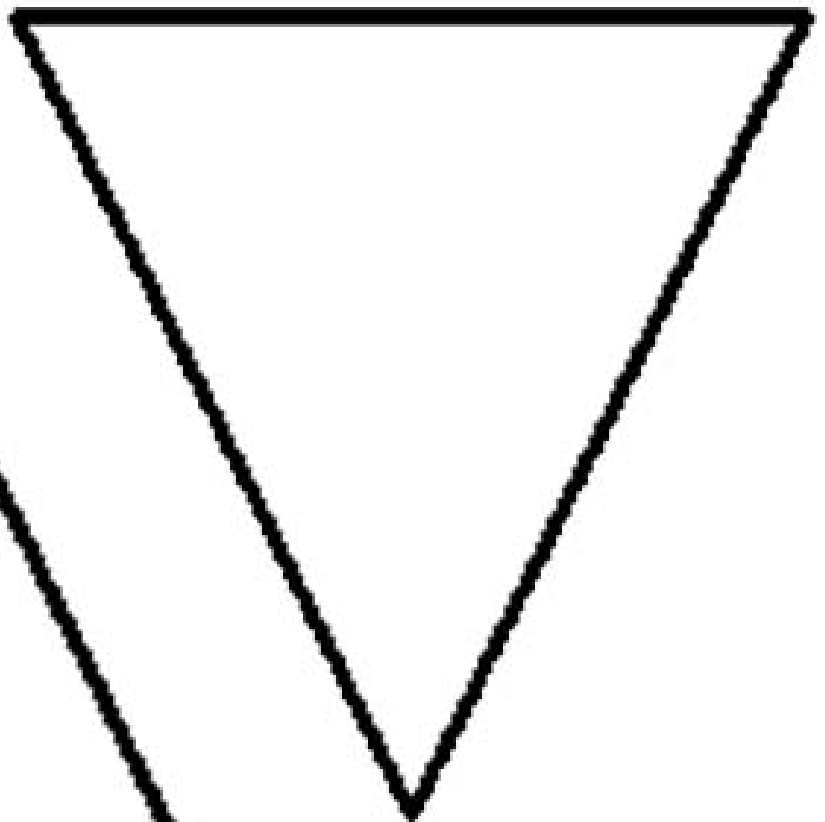
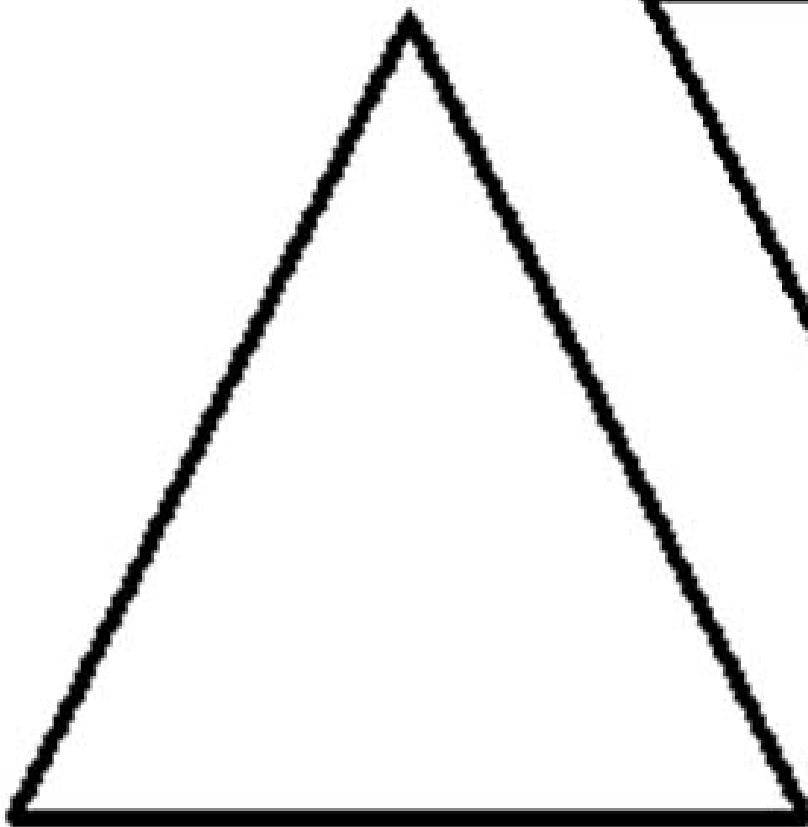
Cut circles on
outside lines.

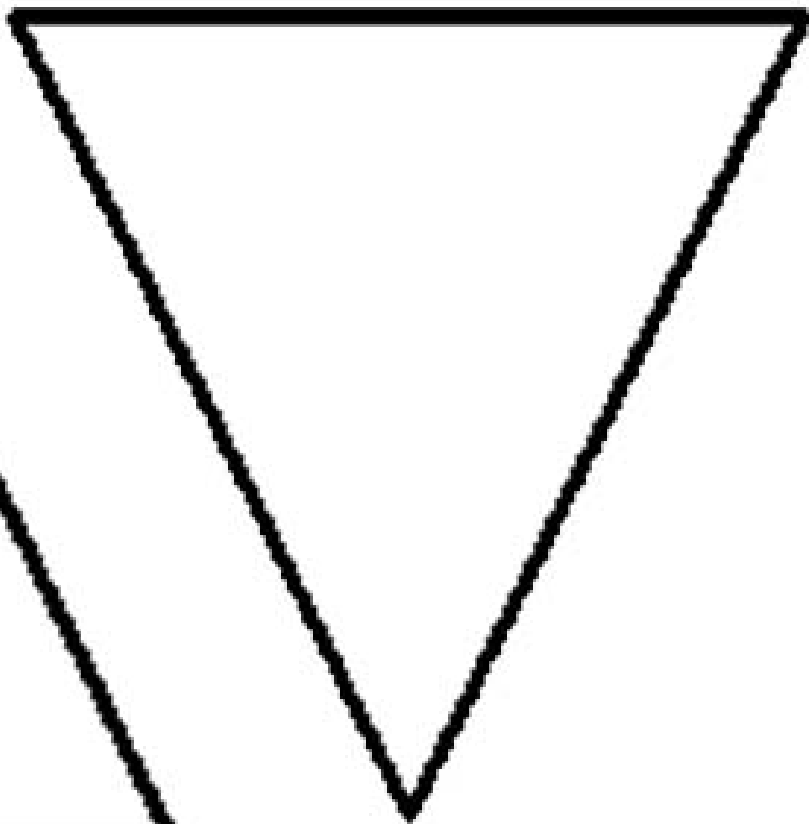
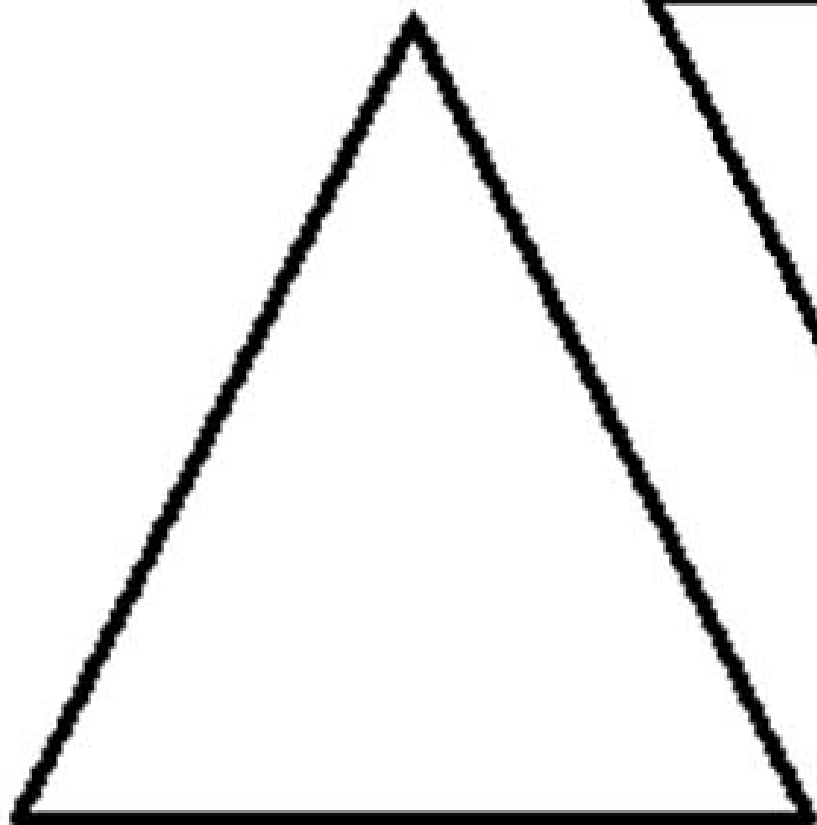
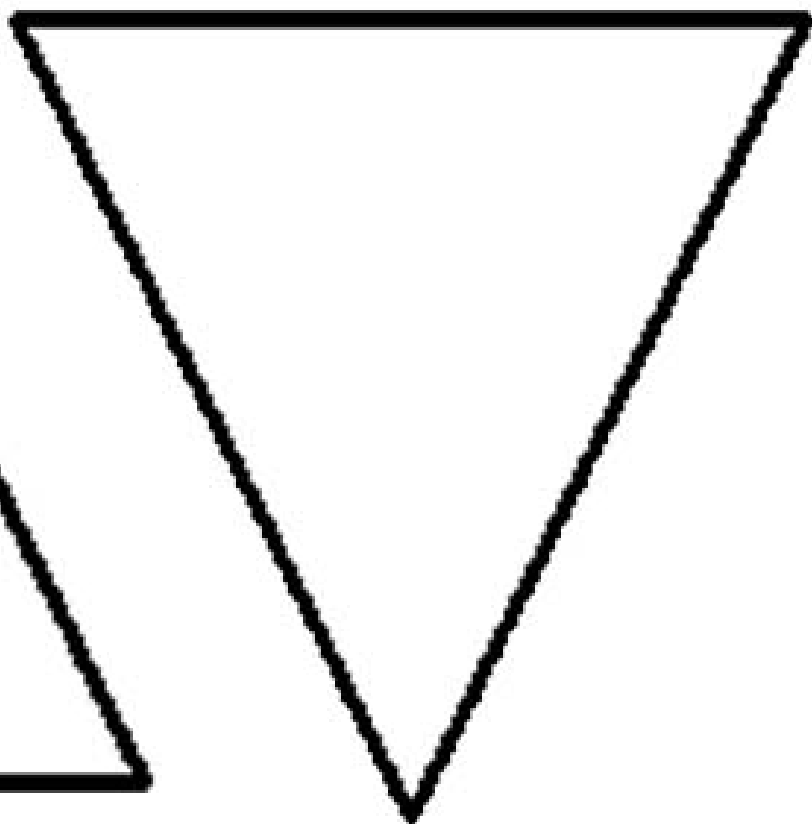
Stack desired amount on
top of each other with title
page on top and
staple together
affix book-
let to
lap-
book

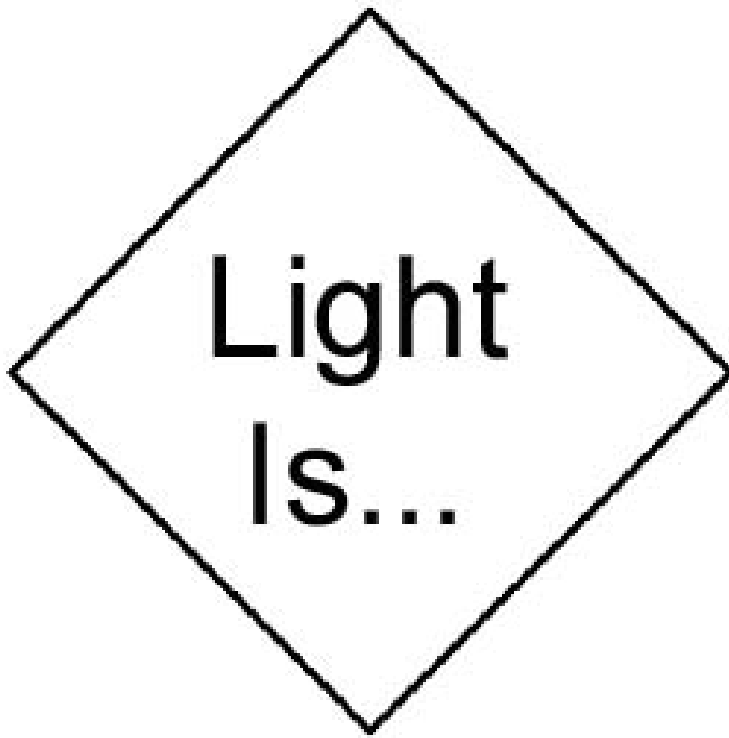




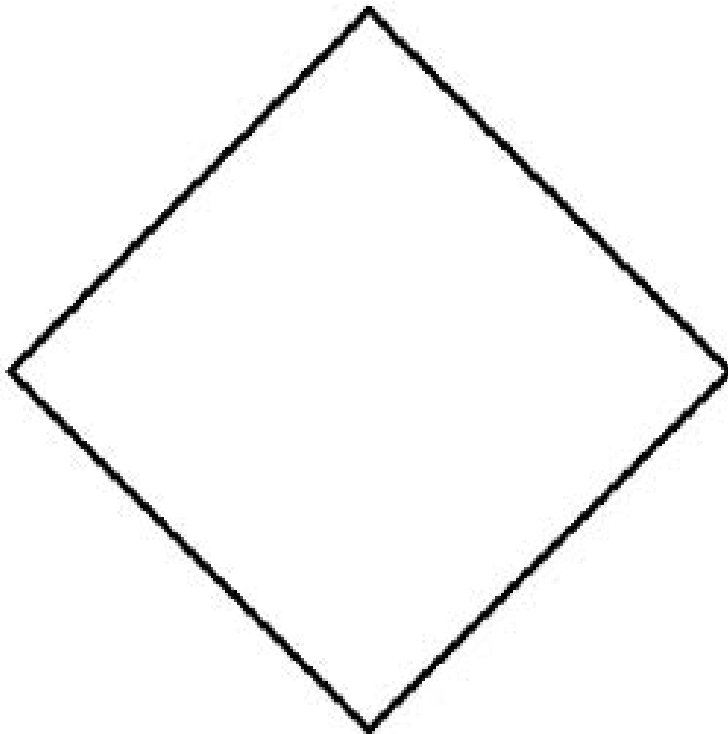
Cut all triangles out on dark lines. Stack with titled one on top. Staple to form booklet then affix to lapbook.







Staple booklet together with title page
on top and affix to lapbook.

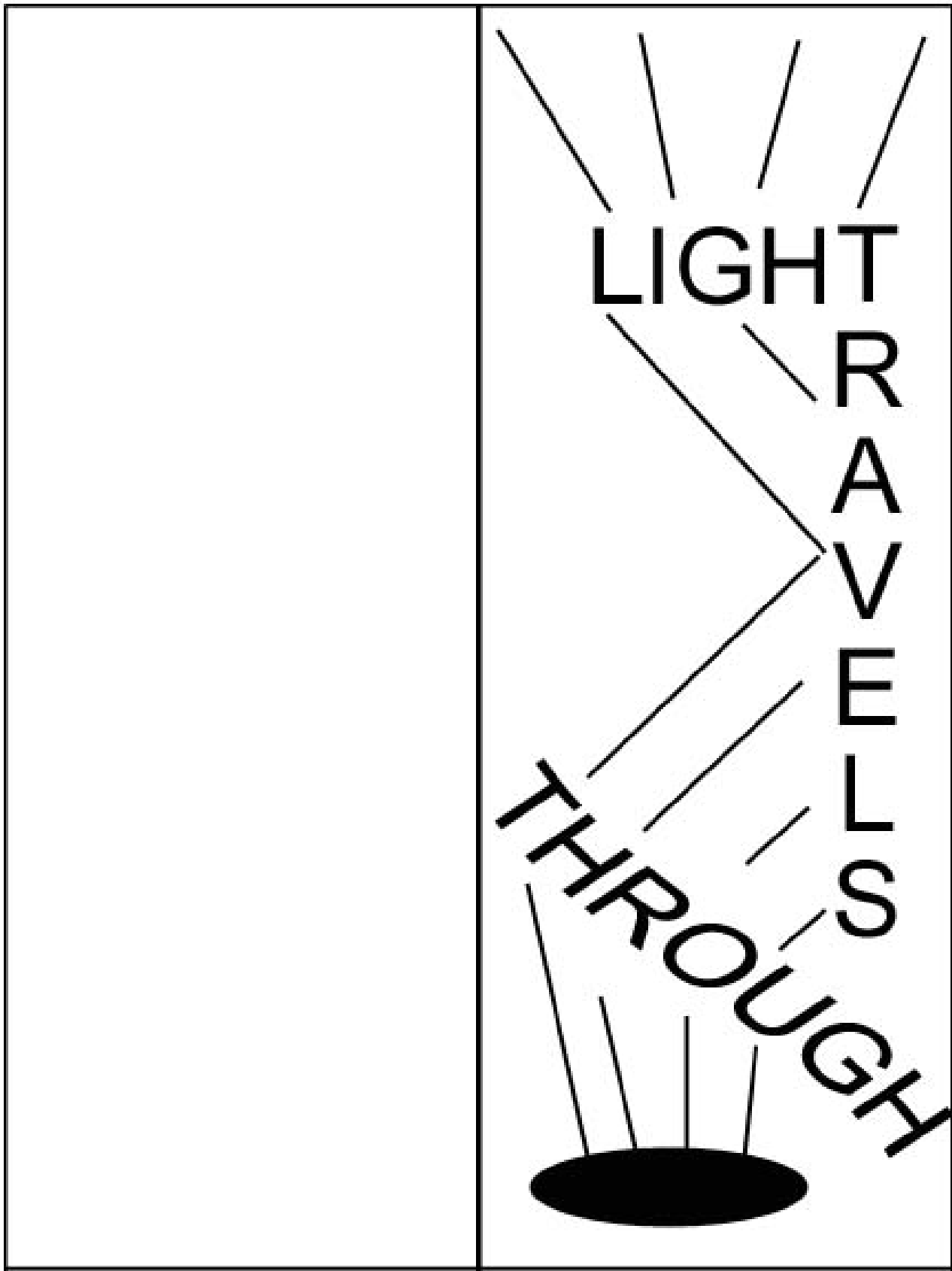


Man-Made

Natural

Light Sources

Cut out all 3 squares on outside lines. Stack them in order (from top to bottom; title, Natural, Man-Made). Staple on top. Affix to lapbook. Before using have child design front cover of booklet.



Fold booklet with title page on the outside and affix it to the lapbook.

Some
Light
Uses

Laser

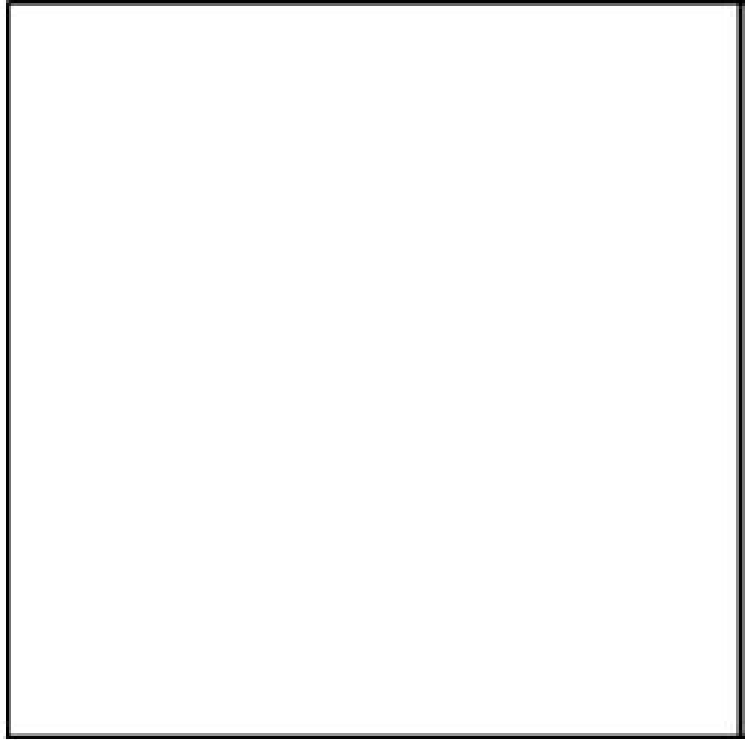
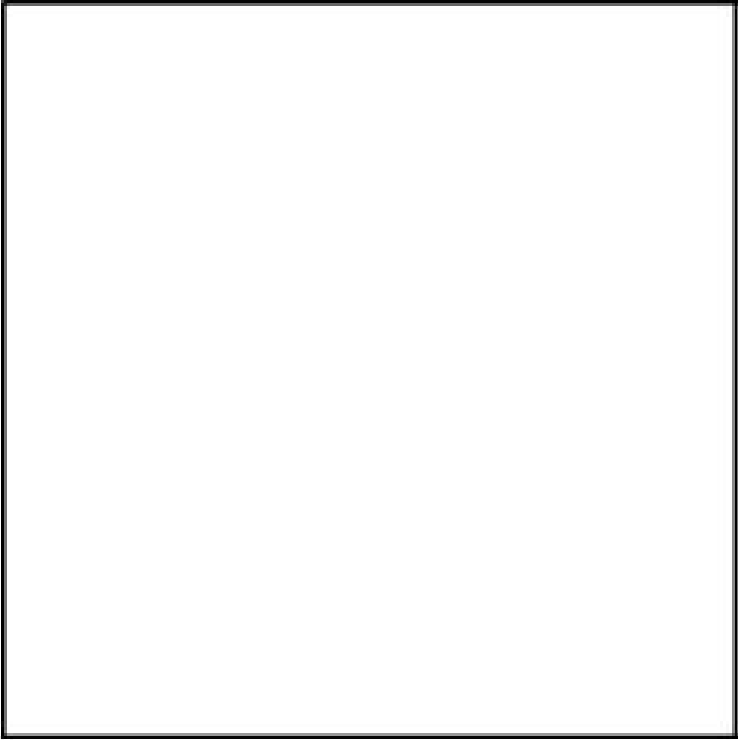
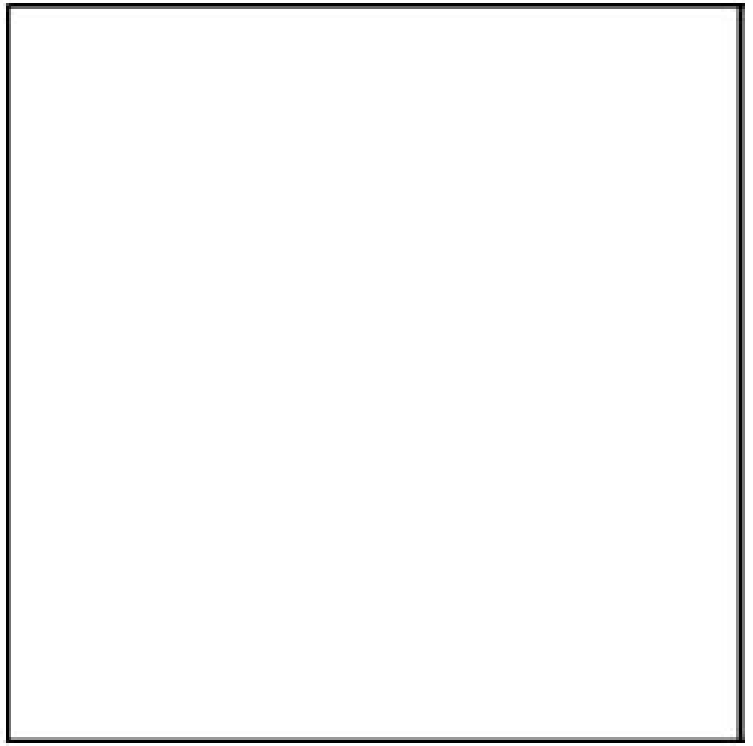
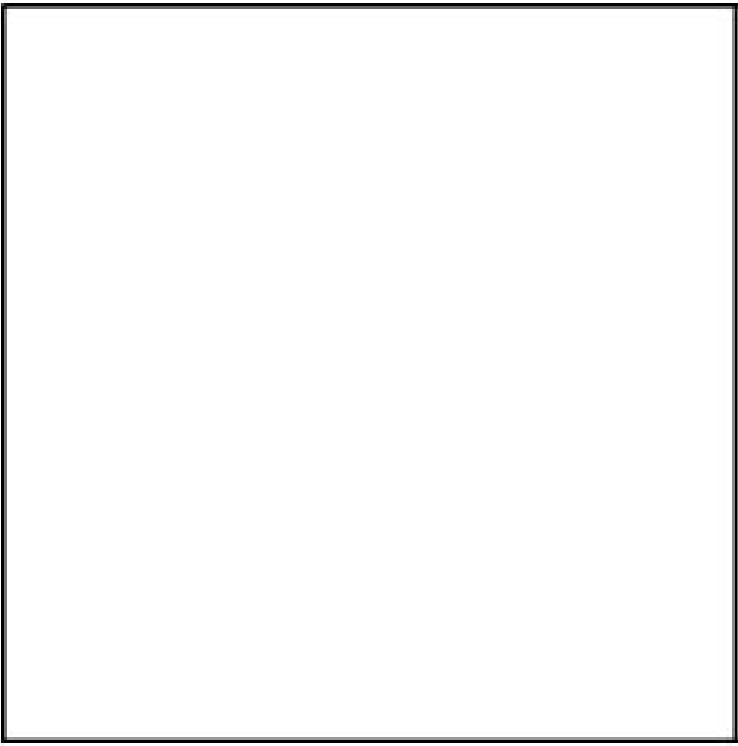
Solar

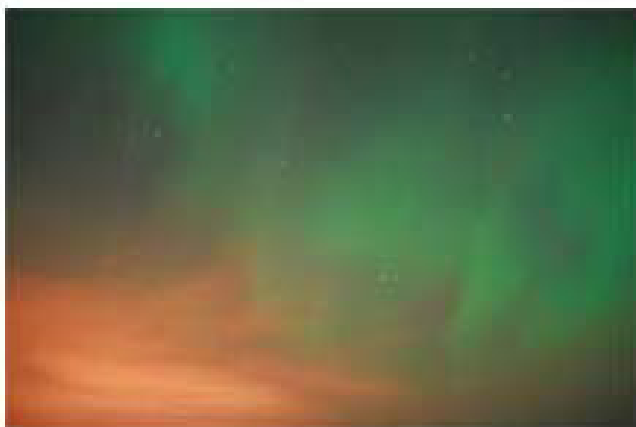
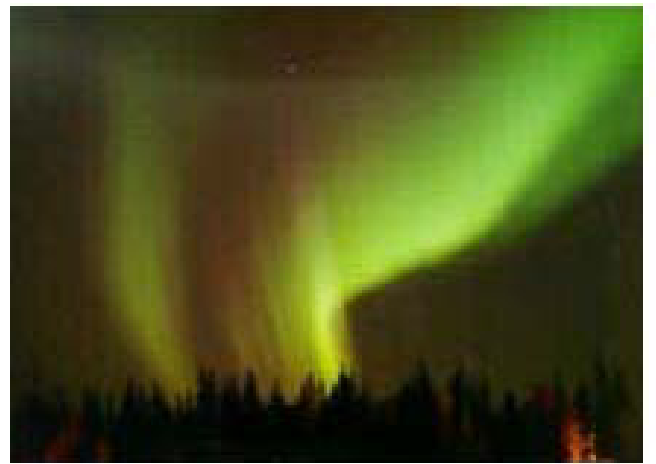
Electric

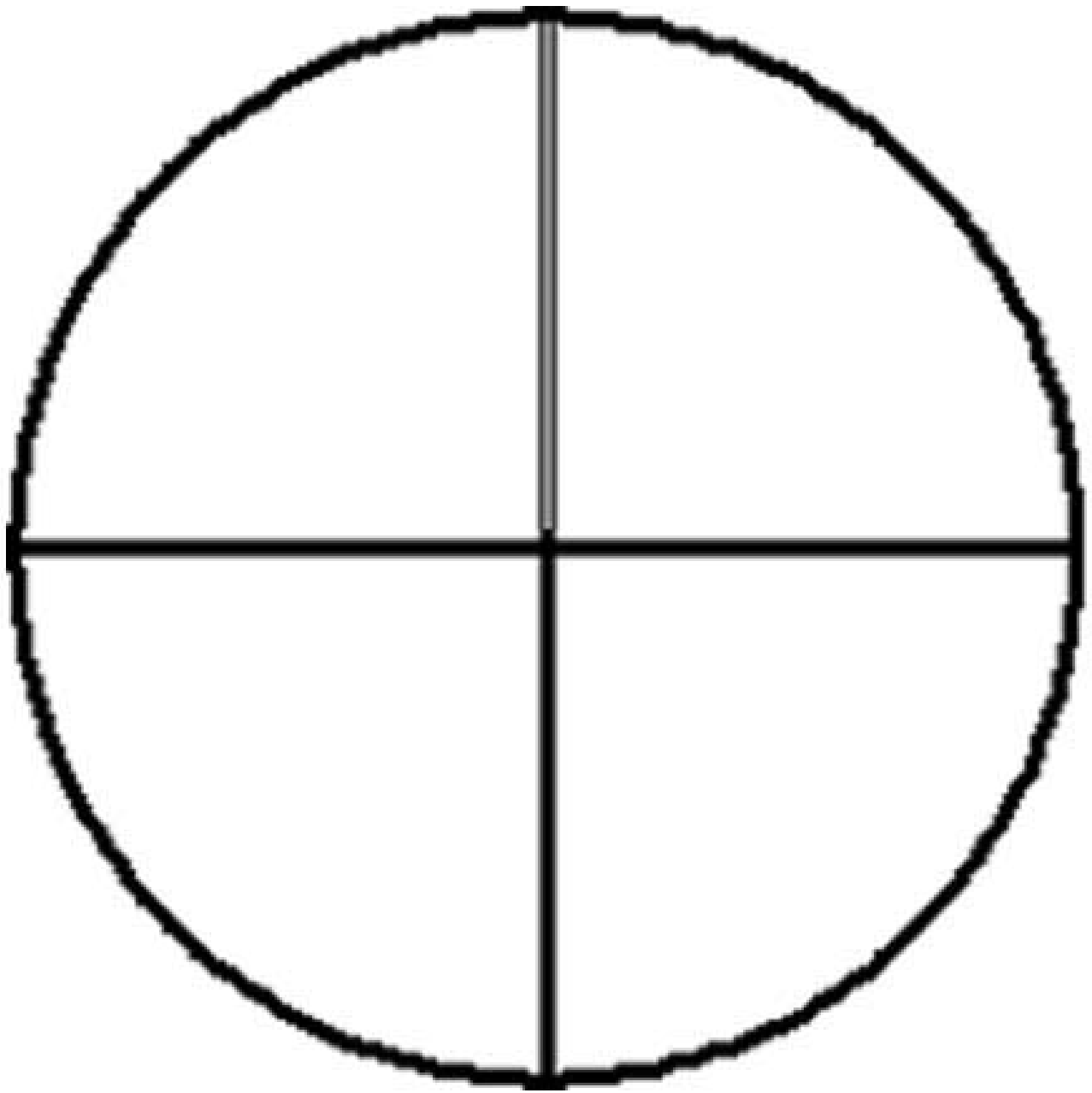
Cut out all four panels on outside lines. Stack in order (from smallest to largest; Title page, Leser, Solar, Electric) and staple at top. Affix to lapbook.

Photo Album

Stack all pages with title page on top. Staple on the right side of the pages to make the album. Before using have child write thier name on the cover on the line provided. Be sure to show them how to add the ('s) to thier name and explain that adding it label's the item you are talking about as owned by.







Cut out circle using outside line. Cut the line to the middle that has white in it's center. Fold up rest of book into wedge shape. Write "Northern Lights" on the side of wedge facing up and affix the bottom wedge portion to lapbook.