



Lesson Plan Summary

Magic Tree House #48: A Perfect Time for Pandas

An Endangered Species Lapbook

(A creative collection of fact-filled mini-books, maps, and illustrations to record student learning)

<p style="text-align: center;">DURING THIS BOOK STUDY, EACH STUDENT WILL:</p> <ul style="list-style-type: none">• Gather facts and conduct research related to animals that are on the endangered species list.• Use a wide variety of resources to extend research on endangered species.• Use organizational skills to create a lapbook by compiling information learned about endangered animals into a larger cohesive project.• Refer to the contents of the finished product as a review tool.• Locate various animal habitats on a world map.• Use problem solving skills to identify ways to assist in preventing endangered animals from becoming extinct.• Present projects to the class and compare findings with classmates.• Help organize and carry out an Endangered Species Day event with the class.	<p style="text-align: center;">COMMON CORE STANDARDS ADDRESSED:</p> <p>Visual Arts:</p> <ul style="list-style-type: none">• Creative expression in response to text <p>Reading:</p> <ul style="list-style-type: none">• Key Ideas and Details• Integration of Knowledge and Ideas• Craft and Structure <p>Writing:</p> <ul style="list-style-type: none">• Text Types and Purposes• Research to Build and Present Knowledge <p>Language:</p> <ul style="list-style-type: none">• Conventions of Standard English• Knowledge of Language <p>Speaking and Listening:</p> <ul style="list-style-type: none">• Comprehension and Collaboration• Presentation of Knowledge and Ideas <p>Science:</p> <ul style="list-style-type: none">• Classify organisms as thriving, endangered or extinct <p>Social Studies:</p> <ul style="list-style-type: none">• Map Skills
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Created by: Paula Henson, 2007 Magic Tree House Teacher of the Year, Knoxville, TN



Lesson Plan

Magic Tree House #48: A Perfect Time for Pandas

Endangered Species Lapbook

After reading [A Perfect Time for Pandas](#) and the accompanying Fact Tracker, [Pandas and Other Endangered Species](#), your students will have a wealth of knowledge as well as a new-found interest in helping to save some of the most magnificent animals on the planet from extinction. A perfect way for your students to record their learning in a comprehensive and creative way is to provide them the opportunity to make an endangered animals lapbook. Classroom teachers are discovering the educational value in creating these paper manipulatives and organizing them in various file folder configurations to record creative summaries of students' work. Lapbooks can consist of diagrams, mini-books, and other paper manipulatives customized to emphasize a specific topic. You will find all of the templates needed to create the lapbook included in this lesson plan, however many more templates are available on the internet if you would like to design your own. Visit the following websites for ideas:

<http://www.lapbooklessons.com/LapbookTemplates.html>

<http://homehearts.com/100-editable-lapbook-templates-free/>

Materials:

- 2 File Folders (letter size)
- Construction Paper
- Glue Stick
- Scissors
- Colored Pencils or Markers
- 4 brass brads (or fewer depending on the number of animals chosen for this project)
- Templates for Mini Books (provided)
- Images for Lapbook Cover (provided)
- Computer access and/or related reading materials for additional research

48-1LP213

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Procedure:

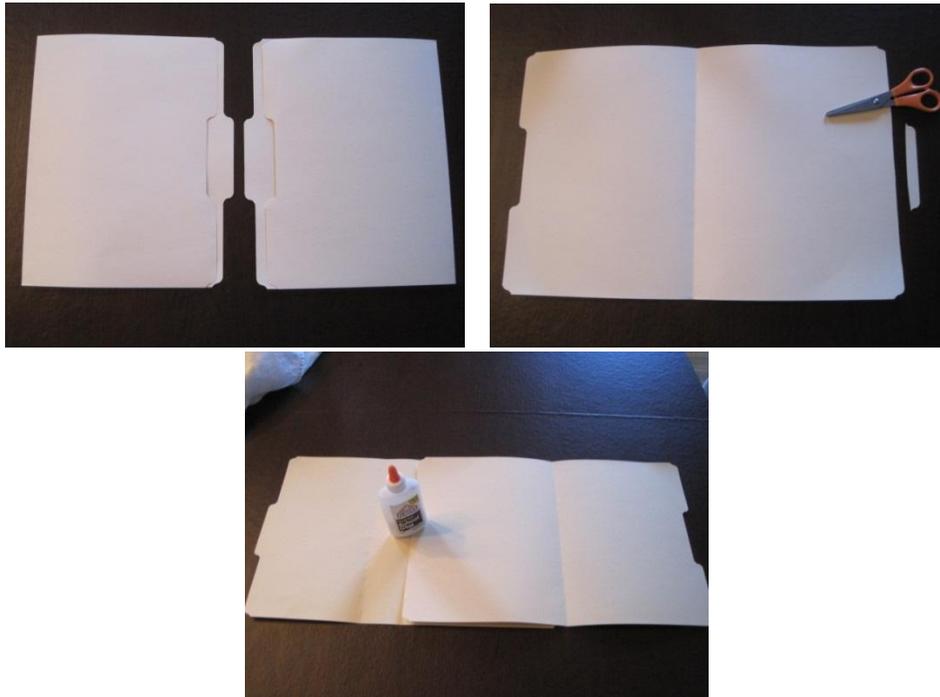
Follow the steps below in assisting your class as they create their own endangered species lapbooks:

First, read [A Perfect Time for Pandas](#) and the accompanying Fact Tracker [Pandas and Other Endangered Species](#) together as a class or designate these books as reading assignments. Students will find many facts about endangered animals in the Fact Tracker however, you may wish to allow students additional opportunities to extend their research by providing computer access and reading materials related to this topic.

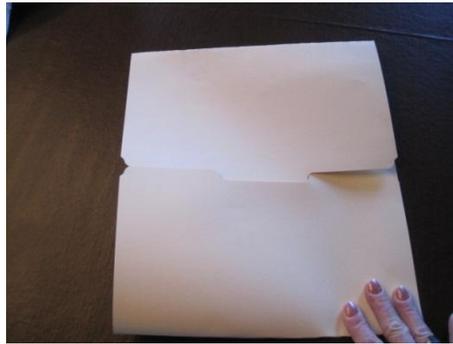
After reading the books allow at least one week to complete the lapbooks in the following order:

DAY 1:

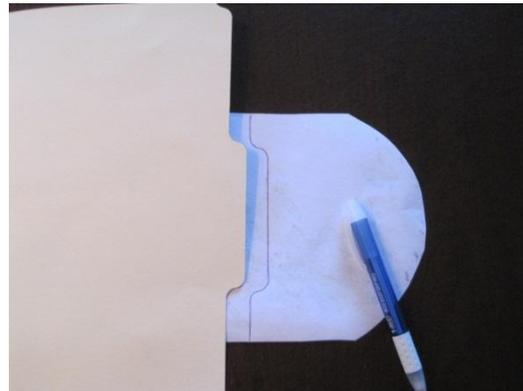
- Ask students to choose four (or less) animals featured in the Fact Tracker to highlight in their lapbooks. (The lapbook shown in this lesson highlights four animals but can be modified to accommodate fewer choices.) Give each child two file folders, cut the tab off of one folder so that it will fit inside the other one and glue together in the following manner:



- Fold tabs in to the center as follows so that tabs fit together:



- Have students color the world map (included) trace file folder tab shape on the reverse side of the map and cut map apart so that they will “fit together” on the front of the lapbook as follows:

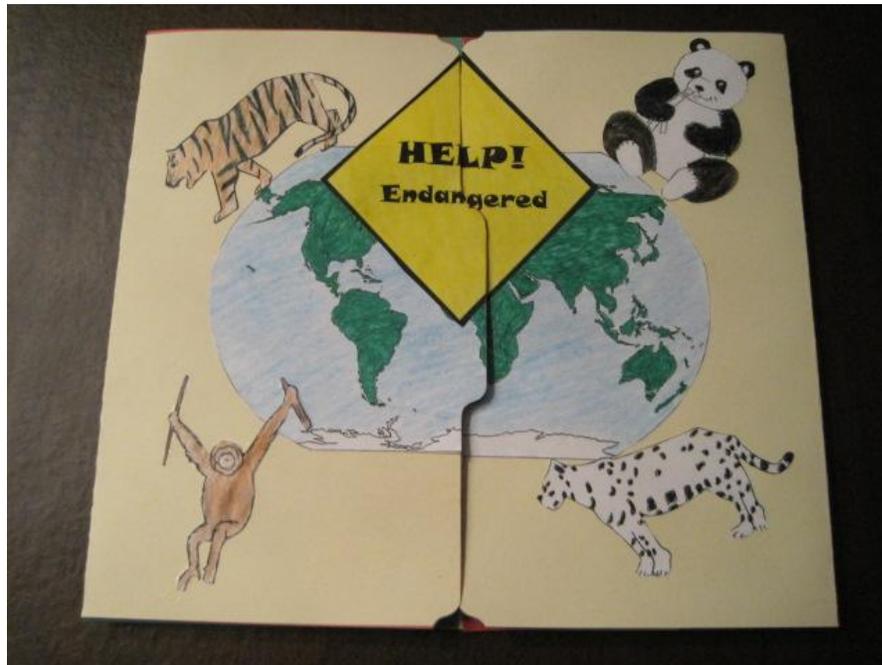


- Glue the world map into position on the front of the lapbook:



- Each student should refer to the Fact Tracker, Pandas and Other Endangered Species and select animals they would like to highlight in their lapbook. Instruct them to use the illustrations given in the book as models to assist them in drawing their own versions of the animals. Next, they should cut their animal drawings out and glue them around the world map on the front of the lapbook. Lastly, direct them to color and cut out the “Help! Endangered” “yield” sign (included) and glue on their cover as shown:

**Note: You may wish to copy images of animals from various websites and allow your students to color and cut out the animal shapes to use on their lapbook covers.*



Day 2:

- Ask students to divide the inside of the lapbook into sections with different colors of construction paper. If your students report on four animals there will be four sections however, at this point you may adapt to fewer choices. Label each section with one of the animal labels (included).



Making the Mini Books

Depending on the number of endangered animals your students choose to highlight in their lapbooks multiple copies of each mini book will need to be made available to each student. Templates for each mini book are included in this lesson plan. Provide each student a zipper-type plastic bag for storage of the mini books until lapbooks are ready to be assembled.

- “Where in the World Do I Live?” Shutter Fold Book:

Instruct students to cut out the shutter fold book and world map (template included) and color the continent where the endangered animal lives on the map. Fold the shutter fold book on the dotted lines and glue the map on the inside. Add to plastic storage bag.

Day 3:

- **Four Corner Envelope Book:**

Direct students to first cut out the Four Corner Envelope Book (template included) and fold in the corners on the dotted lines. Next, they should unfold the corners and draw a picture of one of the animals they have chosen in the center of each book. On the inside of each flap, students should write an interesting fact they have learned about their endangered animal. Lastly, they should color the outside flaps that will be visible when the corners are folded in and the book is closed to resemble the outer covering of their animal (see photo of completed lapbook). Add to plastic storage bag.

Day 4:

- **Flower Petal Mini Book:**

Direct students to cut out the Flower Petal mini book (template included) and fold petals on dotted lines so that the words are visible when the flower is closed. Open the petals and ask the students to write “Facts About _(Name of animal here)_” in the center of the flower. On the inside of each petal students should write the fact that is the correct response to the words on the outside of the petal. Students may color the flower petals and center if they wish. Add Flower Petal Mini Books to the plastic storage bag.

Day 5:

- **“Reasons I Am Endangered” Graduating Notebook**

Instruct students to cut out the four pages that graduate in size and put together in numerical order. Staple the left side edges of the “notebook” together. On each of the three pages that follow the cover page students should write a reason why the animal is endangered in the box and use the remaining space to illustrate.

Day 6:

- **“The Keys to My Survival” Fan Book**

Ask students to cut out the key shapes (templates included) with the topic “key” on top. Next students should use a hole puncher to punch a whole in the circle at the top of the stack of “keys”. Provide students with brass brads to hold their fan books together. Finally, ask students to write a fact they have learned through their research on each key that might describe a way humans can help protect the animal from extinction. Add fan books to plastic storage bags.

Day 7:

- **Assembling the Lapbook:**

On the final day of this lesson, direct students to attach the various mini books they have made and stored in their plastic storage bags to the inside of the lapbook under the appropriate animal label. Advise them to arrange each mini book before applying glue or inserting brads to insure that they will have adequate space.

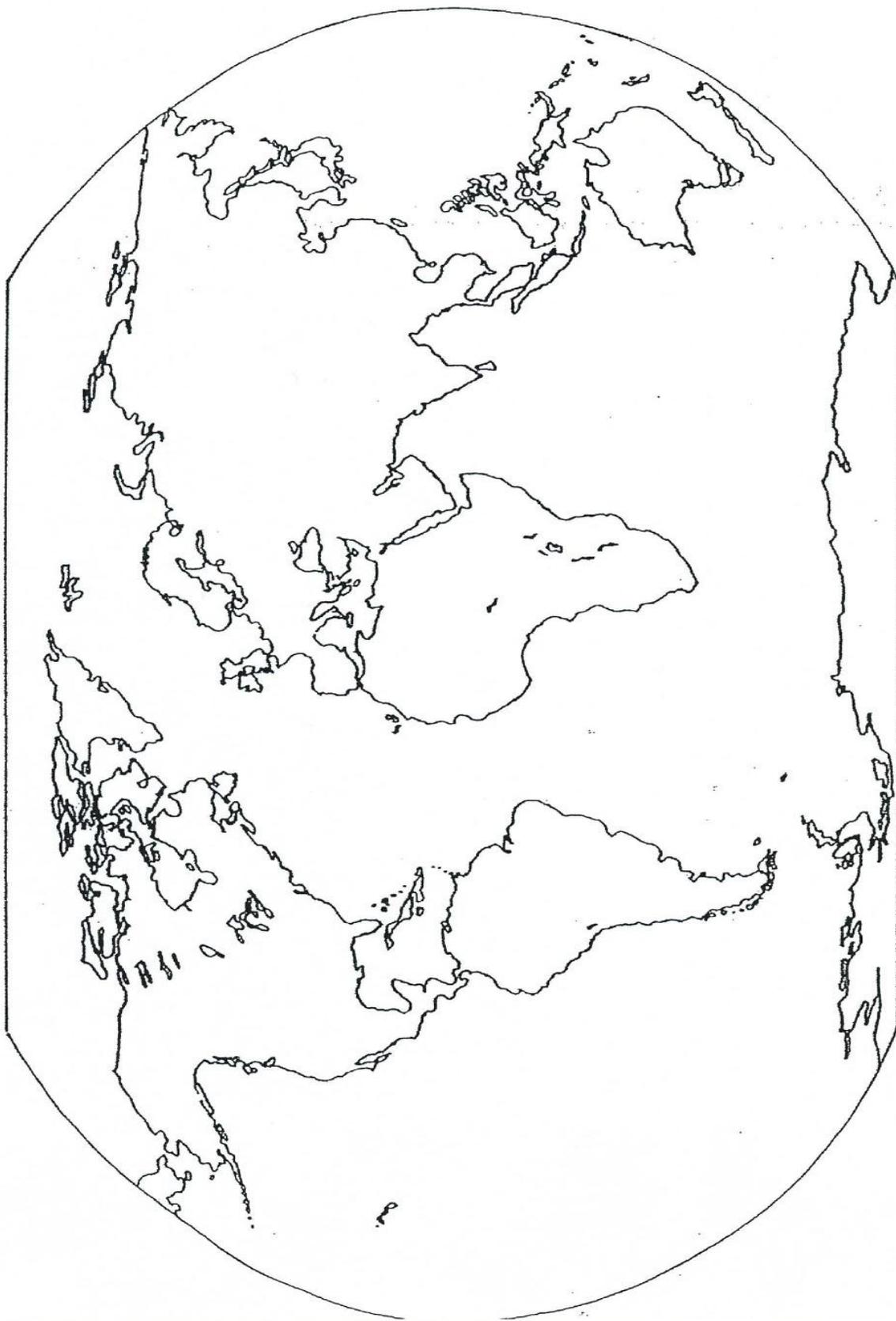


Students will enjoy sharing/comparing their lapbooks with classmates and finding ways they can help these endangered animals.

An excellent follow-up activity for this lesson is to allow your students to participate in Endangered Species Day in the month of May. As part of your event, students might enjoy having their lapbooks on display. By visiting the following website you will find activities and lesson plans in the Teacher Resource Center to help your class learn more about endangered species and ideas for assisting you in planning an Endangered Species Day event:

<http://www.stopextinction.org/esd.html>

Color and cut out the world map along the edges. Use this map and the animals you choose to include in your endangered animals lapbook on the cover.



Cut out the labels below to use with the animals you choose to feature in your lapbook.

Giant Panda

Sea Otter

African Elephant

Tiger

Leatherback Turtle

Snow Leopard

African Penguin

Orangutan

Bluefin Tuna

Kiwi

Mountain Gorilla

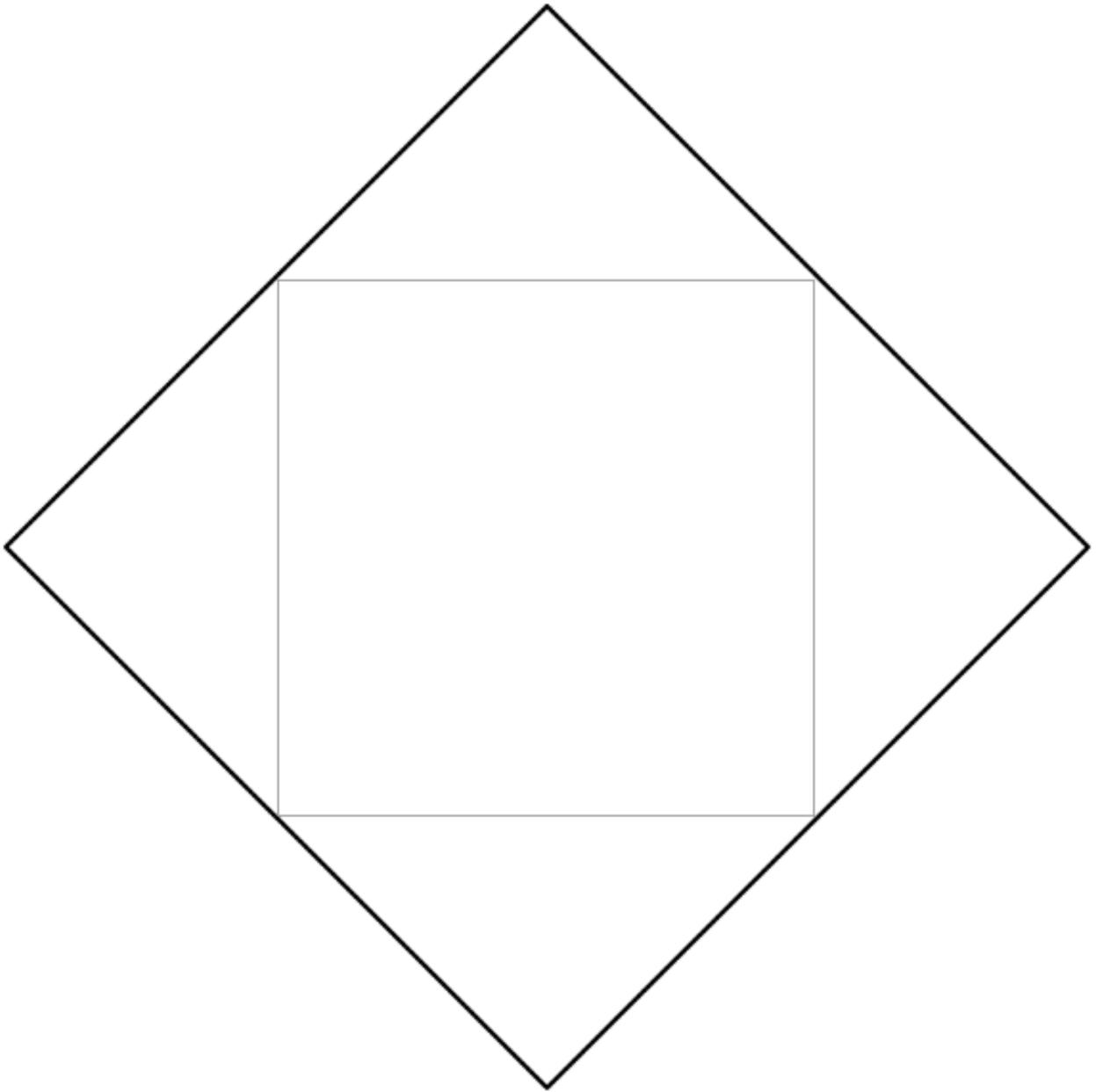
**Fender's Blue
Butterfly**

Javan Rhinoceros

**Mariana Fruit
Bat**

Steller Sea Lion

Sloth



Four Corner Envelope Book

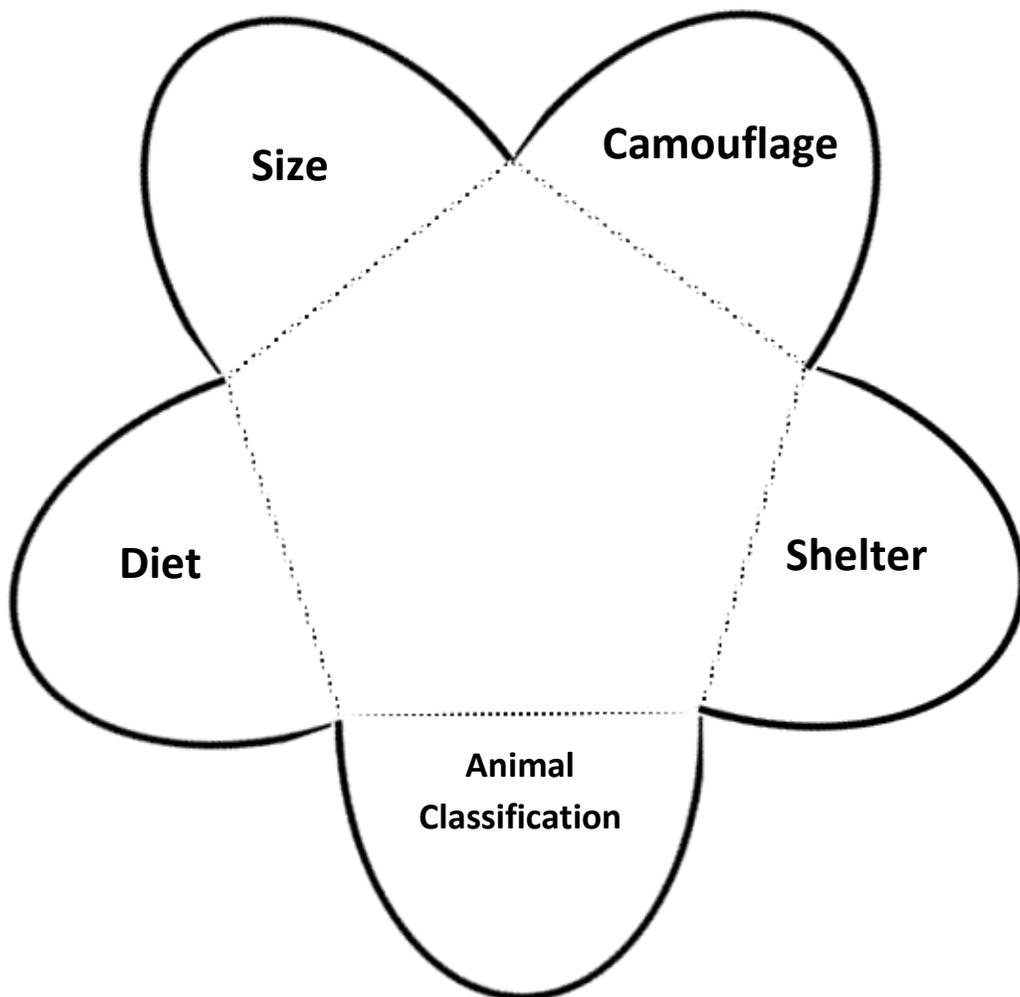
Draw the endangered animal in the center box. Cut out along the outer edges. Fold in the four flaps along the grey lines. Decorate the outside flaps to resemble the outer covering of your animal. On the inside of each flap write a special characteristic of the animal you have learned about through your research.

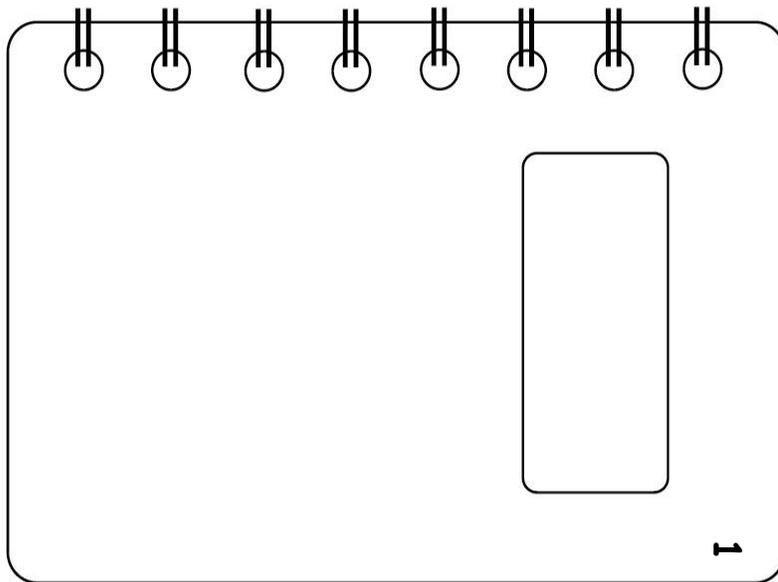
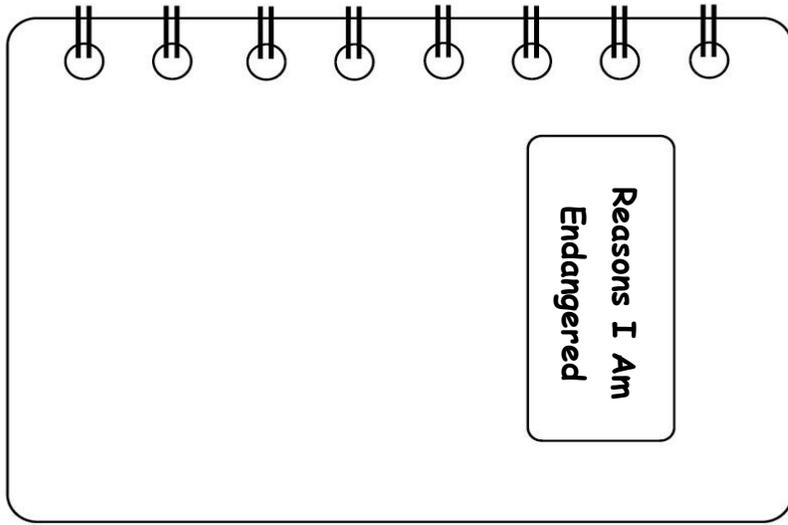
Flower Petal Book

Cut out along dark solid lines. Fold up the pedals so that the words are displayed. Write the information on the inside of the petal flaps. In the center write the following and fill in the blank with the name of your endangered animal.

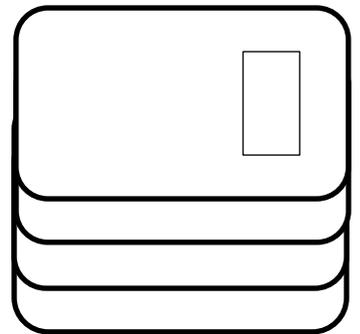
Facts

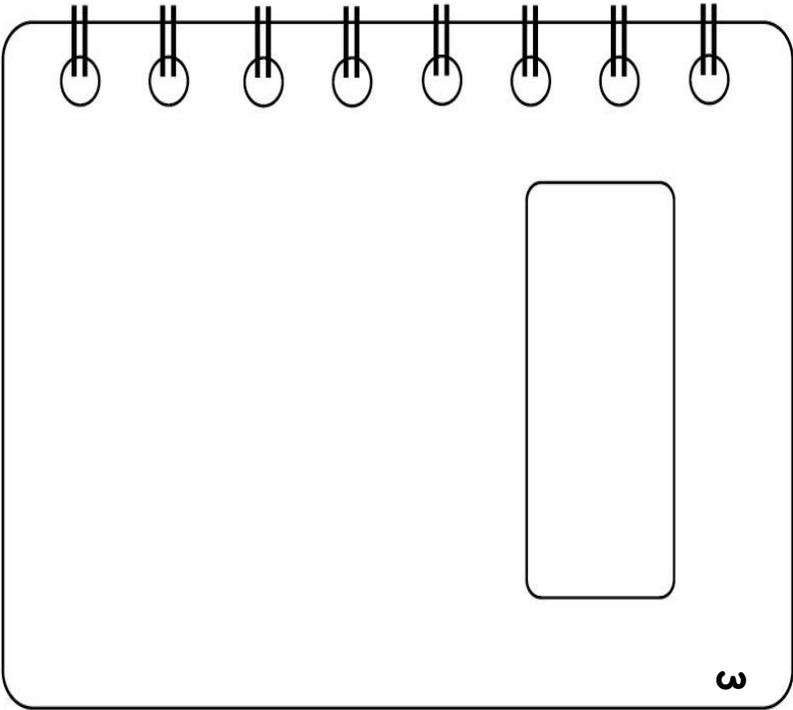
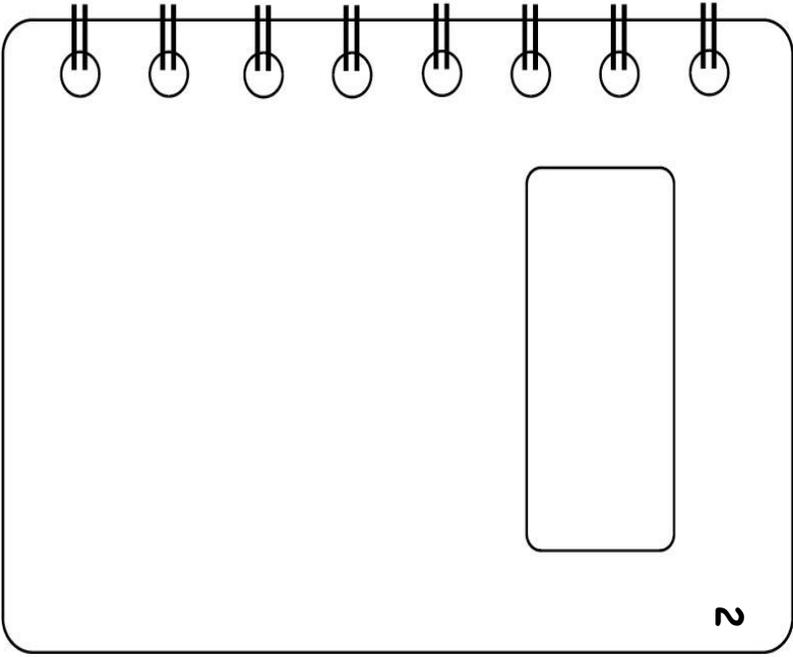
About





Cut out the four notebook shapes of graduating sizes. Write a reason your animal is on the endangered species list in the box on each notebook page. Use the remaining space on each page to illustrate the reasons. You may or may not need all of the pages. Stack your pages with the largest on the bottom graduating to the smallest on top as illustrated.

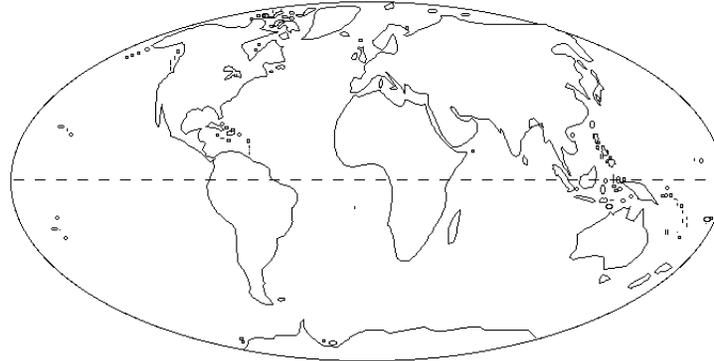




**Do I
Live?**

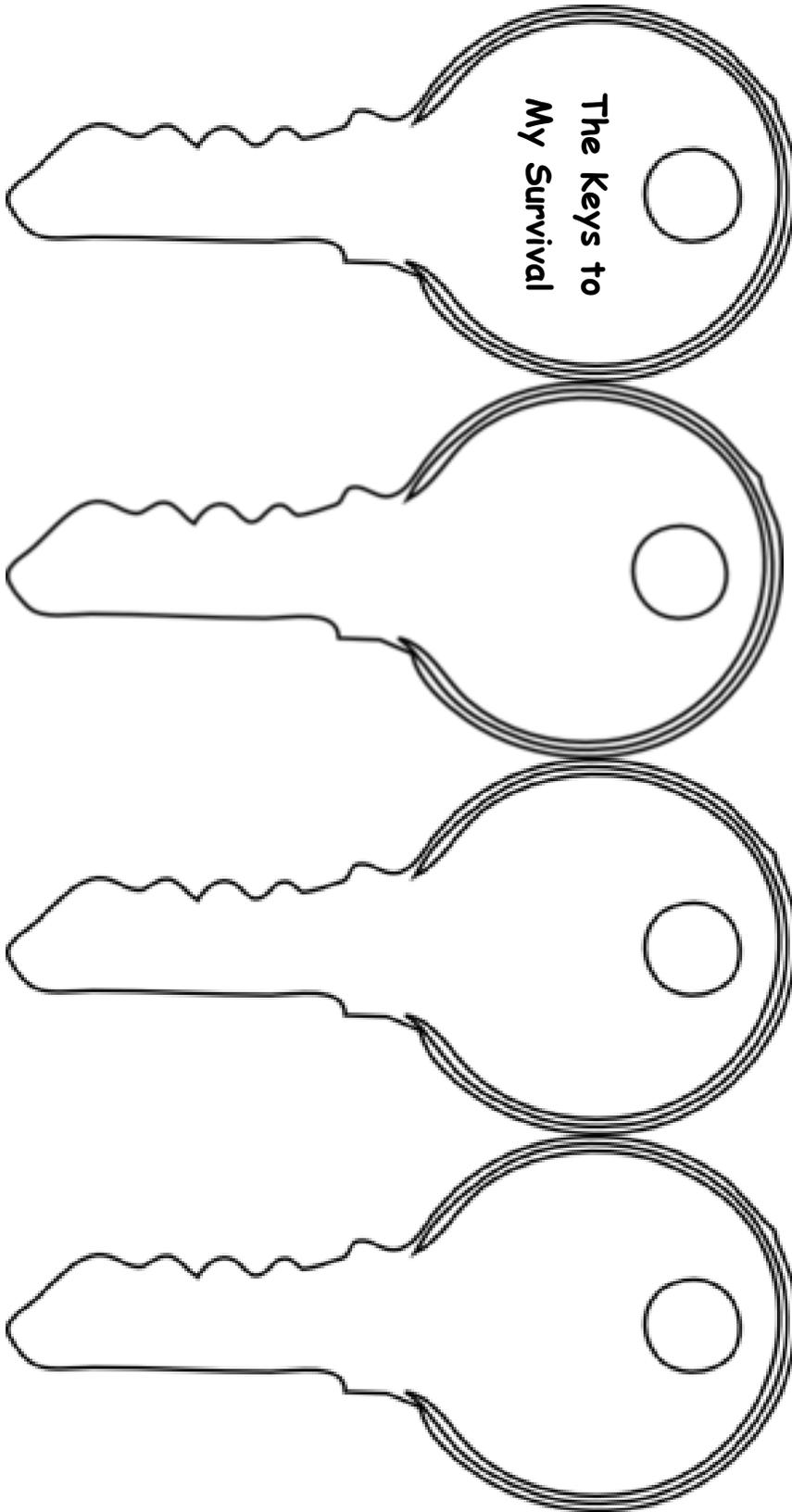
**Where
in the
World**

The World



Shutter Fold Mini Book

Cut out the rectangle on the solid black lines. Fold on the dotted lines so that the words appear on the front. Next, cut out the world map and glue on the inside. Color the continent where your endangered animal lives.



Cut out around the edges of each "key". Punch through the holes with a hole puncher. Put the key with the words "The Keys to My Survival" on top. Write a fact about how people can help your endangered animal survive on each of the other keys. Put them together with a brass brad.

Color yellow to represent a "yield" sign and use on your lapbook cover.

