

Lesson Plan Summary

Magic Tree House #37: *Rhinos at Recess*

Endangered Species Animals Around the World

Let's Map It, Graph It, and Design It!

A STUDY OF FOUR BOOKS WITH ENDANGERED SPECIES ANIMALS

<p>EACH STUDENT WILL:</p> <ul style="list-style-type: none">• Read and discuss new vocabulary words, facts, and events in four Magic Tree House books and Fact Trackers• View a video clip as an additional resource for this study• Draw a travel line on the world map to show Jack and Annie's journey from Frog Creek, Pennsylvania to a new destination for each book• Enter the endangered species facts and the student's opinion in a <i>Compare and Contrast</i> graph for each one of the four books or Fact Trackers• Discuss and generate a class list of how students and adults can help the Endangered Species animals• Discuss and generate a class list of dangers to extinction for the Endangered Species Animals• Design a t-shirt to help save an endangered species animal	<p>COMMON CORE STANDARDS ADDRESSED</p> <p>READING:</p> <ul style="list-style-type: none">• KEY IDEAS AND DETAILS (RI1.1, RI2.1, RI 3.1) Ask and answer such questions as <i>who</i>, <i>what</i>, <i>where</i>, <i>when</i>, <i>why</i>, and <i>how</i> to demonstrate understanding of key details in a text• CRAFT AND STRUCTURE (RI2.4, RI 3.4) Determine the meaning of words and phrases in a text relevant to grade specific topic or subject area• CRAFT AND STRUCTURE (RI 2.5, RI 3.5) Know and use various text features to locate key facts or information in a text efficiently <p>WRITING:</p> <p>PRODUCTION AND DISTRIBUTION OF WRITING</p> <ul style="list-style-type: none">• With guidance and support from adults and peers, focus on a topic and strengthen writing as needed by revising and editing (W2.5, W3.5)• Participate in shared research and writing projects (W2.7, W3.7)
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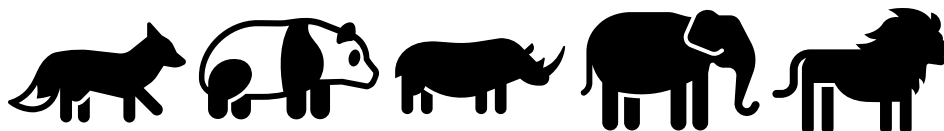


Lesson Plan

Magic Tree House #37: *Rhinos at Recess*

ENDANGERED SPECIES ANIMALS AROUND THE WORLD

Let's Map It, Graph It, and Design It!



Have Compassion for all Creatures. They're our partners on the planet -- Mary Pope Osborne

A STUDY OF FOUR BOOKS WITH ENDANGERED SPECIES ANIMALS

MATERIALS NEEDED

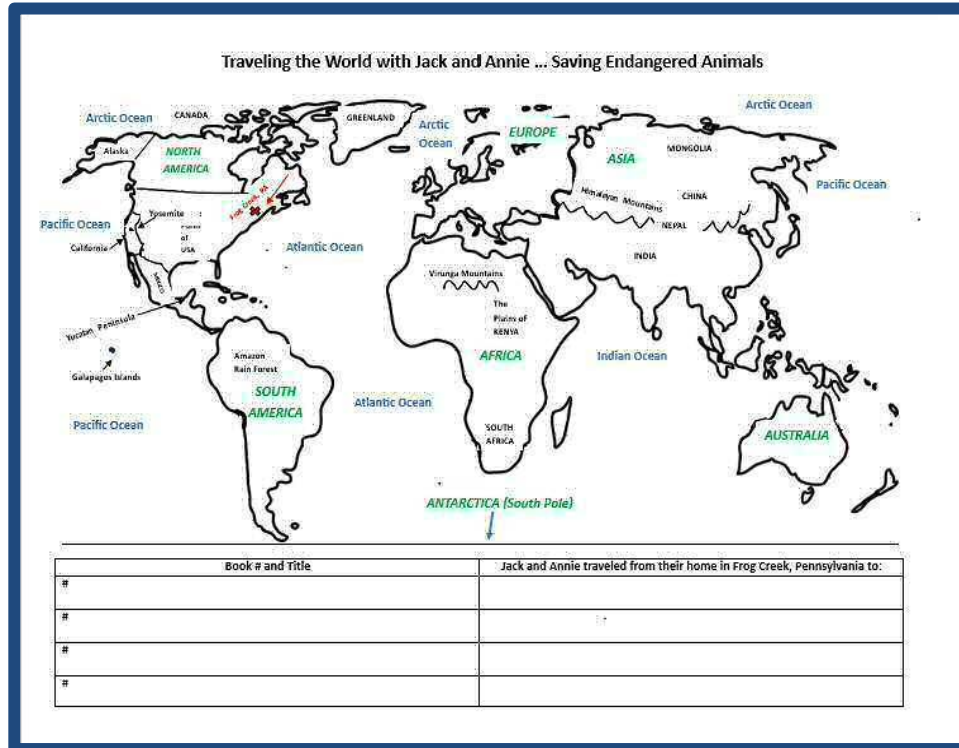
- Four different Magic Tree House books with endangered species animals
- Magic Tree House book list with endangered species animals (in Appendix)
- Map of the World activity sheet - one for each student (in Appendix)
- Map of the World – Teacher Answer Key for Books # 36-39
- Endangered Species Compare/Contrast Graph – one for each student (in Appendix)
- Endangered Species Compare/Contrast Graph – Teacher Suggested Answer Key (In Appendix)
- Design a Shirt activity sheet – one for each student (in Appendix)

OVERALL PROCEDURE

1. The following three lesson activities can be used for any Magic Tree House book or Fact Tracker about an endangered species animal. The four books chosen for this lesson are:
 - #36 SUNLIGHT on the SNOW LEOPARD
 - #37 RHINOS at RECESS
 - #38 TIME of the TURTLE KING
 - #39 WINDY NIGHT with WILD HORSES
2. Start with this video to preview the vocabulary and concepts covered in the Endangered Species books:
 - *Extinct and Endangered Animals for Kids | What we can do to protect endangered species*
YouTube Learn Bright (7:33) <https://www.youtube.com/watch?v=E5cVr3HdLa4>

37-4LP1021

LESSON ACTIVITY ONE - Let's Map It!



This map is customized to show Jack and Annie's travel destinations in all of the Endangered Species books listed in the Appendix

DIRECTIONS

After reading each of the four books, the students will engage in this mapping activity.

The students will:






1. Familiarize themselves with the information on the map—the seven continents, the oceans, the countries, and the destinations Jack and Annie travel to in the Endangered Animals books.
2. Document Jack and Annie's travels for each book on the chart below the map.
3. On the map, draw a line from Frog Creek, Pennsylvania (Jack and Annie's hometown) to the destination spot where Jack and Annie traveled, in each book. Label the route with the number or book name.
4. Use additional map pages to continue this lesson with more books found in the appendix of this lesson.



Lesson Extension – Bulletin Board Idea

Put a large world map on a bulletin board so the class can track the destination of every Magic Tree House book read during the year or for a particular course of book study, such as Endangered Species, Historical Figures, Merlin Missions, etc. Use push pins and string to trace the route. Create a flag for a student to write the book's name on. Pin the flag where Jack and Annie land.

LESSON ACTIVITY TWO - Let's Graph It!

A Compare and Contrast Graph of Endangered Animals				
BOOK 	ENDANGERED ANIMAL 	COUNTRY HABITAT 	DANGER TO EXTINCTION 	WHAT IS BEING DONE TO SAVE THE ANIMALS 

This graph can serve as a student resource for discussions and lessons

DIRECTIONS

1. Lead your class into a discussion about why animals are endangered and how the people of the world are working together to help save them. Offer blank charts in the room for students to add ideas such as *Important Endangered Species Vocabulary*, *Dangers for Animals*, and *Ways to Help the Animals*. The charts will serve as a reference when filling out this Compare/Contrast Graph and other lessons.
2. Guide the students to fill in the categories of this graph as a culminating activity after reading.
3. Re-play the video *Extinct and Endangered Animals for Kids*, on page 1 of this lesson plan, to learn about ways to help save the animals.
4. Use additional pages to document more than four books.

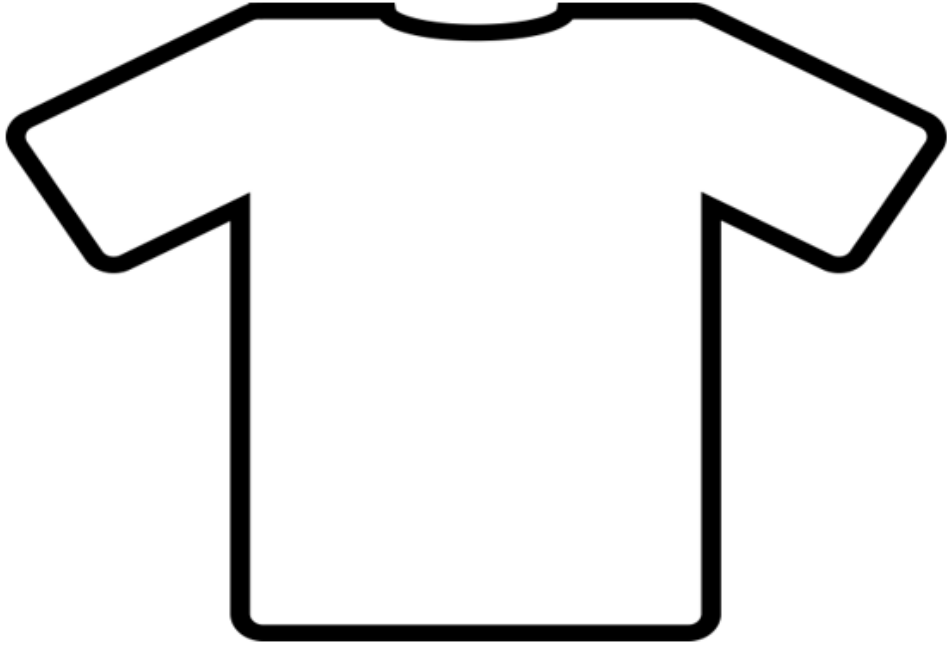


Lesson Extension – Game Time idea

This finished graph is the perfect card for a JEOPARDY game. Have the students come up with the questions for each category and the teacher can organize and display the game on the computer or overhead projector. Also, creating these questions is great for family homework, classroom group work, or an activity for early finishers of daily classwork.

LESSON ACTIVITY THREE - Let's Design It!

DESIGN A T-SHIRT TO SHOW YOU CARE



I can help the _____ species in a small way by _____

The student will show support for an endangered species of their choice

DIRECTIONS:

1. Discuss ways that people and animals can live together to help make this a better planet for all. What can children do and what can adults do? (Re-play the video clip on page 1 for specific ideas)
EXAMPLES for children: go to zoo camp to learn more about animals, attend a beach clean-up day, etc.
2. Each student will draw a picture of an endangered species animal.
3. They will add a slogan of encouragement on the t-shirt. Brainstorm with the class.
EXAMPLES: *Let's Share the Planet, Stop the Poachers, Clean the Environment, Protect the Oceans, Recycle, Every Creature Matters* ... Keep a chart of their ideas and encourage them to add on.



Lesson Extension – Share Time idea

Have students bring something to share with the class about this study of Endangered Animals. It could be a **text-to-text connection** (e.g., a book, pamphlet from a zoo ...), a **text-to-self connection** (e.g., a souvenir or photo from the zoo, an animal t-shirt ...), or a **text-to-world connection** (e.g., a map, an ecology event ...)

Appendix

BLANK WORLD MAP (optional)

PRE-LESSON ACTIVITY - Make a geography lesson using the map by having the students label the continents, oceans, and countries.

POST-LESSON ACTIVITY - Use the map as a canvas to draw pictures of endangered animals. Then, add it as a cover sheet for the following lesson activities.

LESSON ACTIVITY 1 – LET’S MAP IT!

- WORLD MAP (student copy) - customized with the destination spots for all the Endangered Species Magic Tree House books in the booklist
- WORLD MAP (answer key) - showing the travel paths for books #36-39

LESSON ACTIVITY 2 – LET’S GRAPH IT!

- COMPARE AND CONTRAST GRAPH (student copy)
- COMPARE AND CONTRAST GRAPH (answer key) for books #36-39

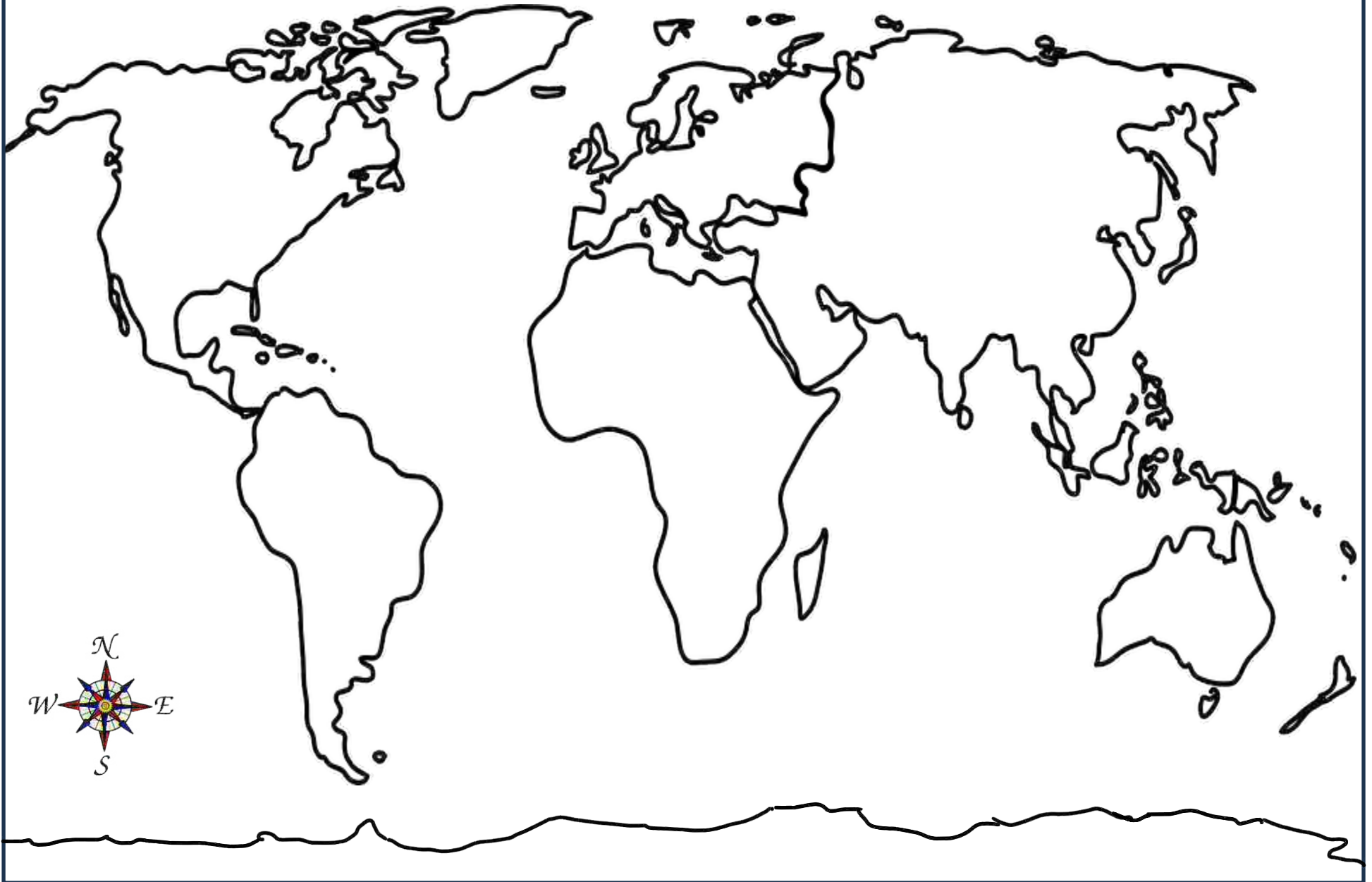
LESSON ACTIVITY 3 – LET’S DESIGN IT!

- DESIGN A T-SHIRT TO SHOW YOU CARE (student copy)

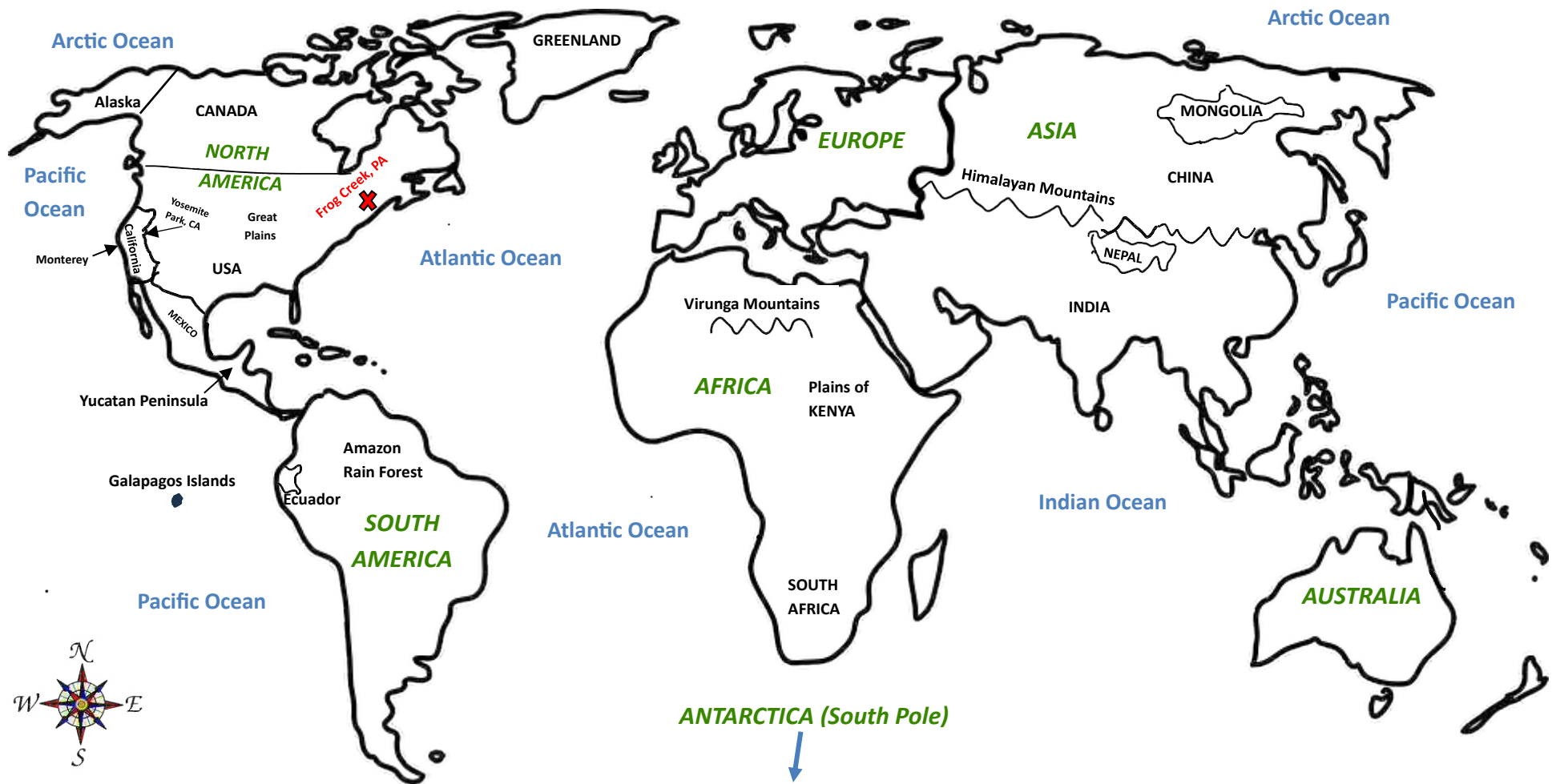
FOR REFERENCE

- MAGIC TREE HOUSE BOOK LIST WITH ENDANGERED SPECIES ANIMALS

Traveling the World with Jack and Annie ... Saving Endangered Animals

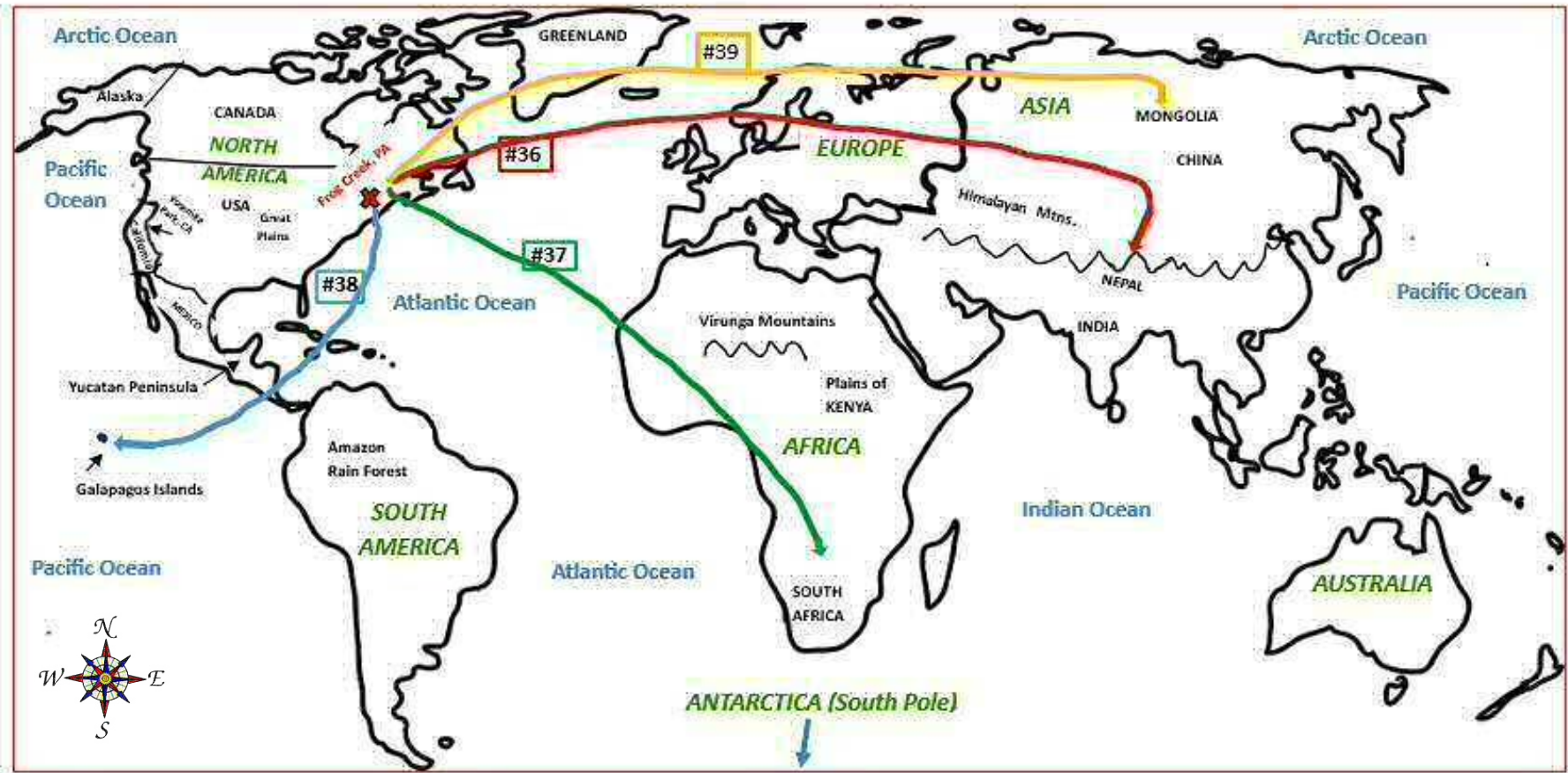


Traveling the World with Jack and Annie ... Saving Endangered Animals








Book # and Title	Jack and Annie traveled from their home in Frog Creek, Pennsylvania to:
#	
#	
#	
#	

Traveling the World with Jack and Annie ... Saving Endangered Animals








BOOK # AND TITLE	Jack and Annie traveled from their home in Frog Creek, Pennsylvania to:
#36 Sunlight on the Snow Leopard	Himalayan Mountains in Nepal, ASIA
#37 Rhinos at Recess	Savannas of South Africa, AFRICA
#38 Time of the Turtle King	Galapagos Islands of Ecuador, SOUTH AMERICA
#39 Windy Night with Wild Horses	Hustai Nature Reserve in Mongolia, ASIA

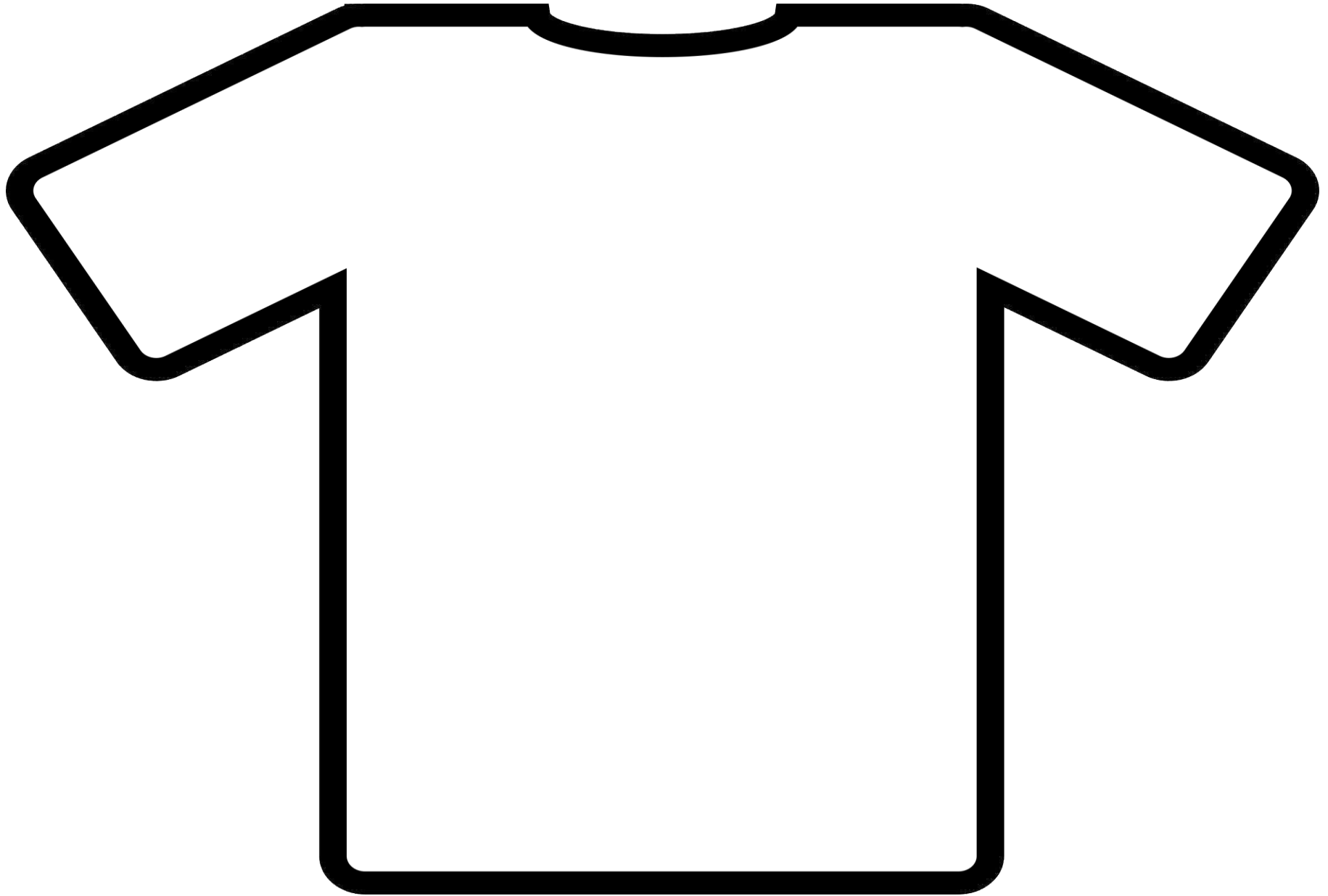
A Compare and Contrast Graph of Endangered Animals

BOOK NAME 	ENDANGERED ANIMAL 	CONTINENT COUNTRY HABITAT 	DANGERS TO EXTINCTION 	WHAT IS BEING DONE TO SAVE THE ANIMALS 

A Compare and Contrast Graph of Endangered Animals (Answers will vary according to student level)

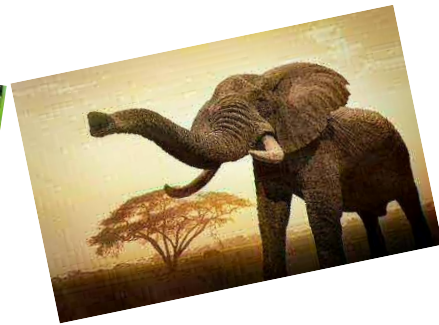
BOOK NAME 	ENDANGERED ANIMAL 	HABITAT COUNTRY CONTINENT 	DANGERS TO EXTINCTION 	WHAT IS BEING DONE TO SAVE THE ANIMALS 
# 36 Sunlight on the Snow Leopard	Snow Leopard	Himalayan Mountains Nepal ASIA	CLIMATE CHANGE is melting the snow in the Himalayas POACHERS kill the snow leopards so they can sell their fur	- World Wildlife Fund – helps with the snow leopard habitat - Buddhist monks - great protectors who patrol areas around the monasteries - Festivals and education programs - researchers and volunteers
#37 Rhinos at Recess	Black Rhino	savanna South African Reserve AFRICA	POACHERS kill the rhinos so they can sell their horns LOSS of PREY from over-hunting	World Wildlife Fund – Adopt-a-Rhino African Game Reserve protects the rhinos Anti-Poaching Laws
#38 Time of the Turtle King	Giant Tortoise	Isabela Island (volcanic) Galapagos Islands Ecuador SOUTH AMERICA	CLIMATE CHANGE – warming of the ocean affects food source HABITAT LOSS - natural disasters like volcanoes. OVERPOPULATION OF GOATS- eat the vegetation and ruin their habitat POACHERS - use them for meat	- Giant Tortoise Center, Galapagos National Park – does research and care for habitat - World Wildlife Fund – helps control the overpopulation of goats which destroys the tortoise habitat
#39 Windy Night with Wild Horses	Takhi (Przewalski horse)	Hustai National Park Mongolia ASIA	CLIMATE - Harsh winters HABITAT LOSS – overgrazing by more livestock and people moving onto the land HUNTED for food	- Zoos around the world took the last of the Takhi to save the species - Returned them to Hustai Reserve for protection - Eco-volunteers help at the reserve with research, animal care, and habitat care

DESIGN A T-SHIRT TO SHOW YOU CARE



I can help the _____ species in a small way by _____

MAGIC TREE HOUSE BOOKS WITH *ENDANGERED SPECIES* CONTENT



MAGIC TREE HOUSE BOOKS – Fiction Books

#6 Afternoon on the Amazon (*Amazon Rainforest, South America*)
 #9 Dolphins at Daybreak (*Pacific Ocean*)
 #11 Lions at Lunchtime (*plains of Kenya in Africa*)
 #12 Polar Bears Past Bedtime (*Arctic*)
 #18 Buffalo Before Breakfast (*Great Plains of USA*)
 #19 Tigers at Twilight (*a forest in India*)
 #26 Good Morning, Gorillas (*Virunga Mountains in Africa*)
 #33 Narwhal on a Sunny Night (*Greenland*)
 #35 Camp Time in California (*Yosemite National Park, CA, USA*)
 #36 Sunlight on the Snow Leopard (*Himalayan Mtns. in Nepal, Asia*)
 #37 Rhinos at Recess (*Savanna in the South African Reserve, Africa*)
 #38 Time of the Turtle King (*Galapagos Islands, S. America*)
 #39 Windy Night with Wild Horses (*Himalayas, Nepal, China*)
 #40 Sea Otter Sunrise (*Monterey, California*)
Merlin Mission Series:
 #12 Eve of the Emperor Penguin (*Antarctica*)
 #20 A Perfect Time for Pandas (*Southwest China*)
 #25 Shadow of the Shark-Merlin Mission (*Yucatan Peninsula, Mexico*)

FACT TRACKERS – Corresponding Non-Fiction Books

Rain Forests
 Dolphins and Sharks
 Snow Leopards and Other Wild Cats
 Polar Bears and the Arctic

 Snow Leopards and Other Wild Cats

 Narwhals and Other Whales

 Snow Leopards and Other Wild Cats

 Snakes and Other Reptiles

 Penguins and Antarctica
 Pandas and Other Endangered Species
 Sharks and Other Predators