

INTO THE WILDERNESS

This project integrates elements of science, ELA, and social studies into a student-centered PBL that combines imagination, creativity, and problem solving skills as they try and survive in the wilderness.

There are 18 activities (1 page for almost each one) for students to complete. Each page involves a problem or idea they must solve, recreate, or answer. Pages can vary from writing, map skills, real-world application, problem solving, and more.

As students work through each page of the project, they will make their own decisions and choose the outcomes. By the end, all students will have completed the project, but each version will be based on user imagination, creativity, and knowledge base.

All pages can be geared towards multiple grade levels, although for some younger students the teacher may need to give more explicit instructions.

Students may choose to use textbooks, maps, computers, the Internet, and more to complete each page. They might even choose to work with a partner, but ultimately the choice is yours (as the teacher).

[REDACTED]

VACATION TIME

You are about to embark on a wonderful vacation of a lifetime.

Where would your dream vacation be?

PACK YOUR BAGS

What are ten specific items you will take on vacation?

_____	_____
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____

ITEMS could be clothes, toys, entertainment, or essential items to make it the best vacation ever.



SOMETHING HAS HAPPENED

It looks like your dream vacation might have just turned into a nightmare. Somehow your trip ran into some turbulence. NOW, you are laying on the floor in a mountainous forest.

Where are you?

You remember boarding the plane.
You remember buckling your seat belt.
You even remember taking off.
But NOTHING after that.

Pushing yourself up, you don't see a single other person around. There is no trace of a plane or other passengers.

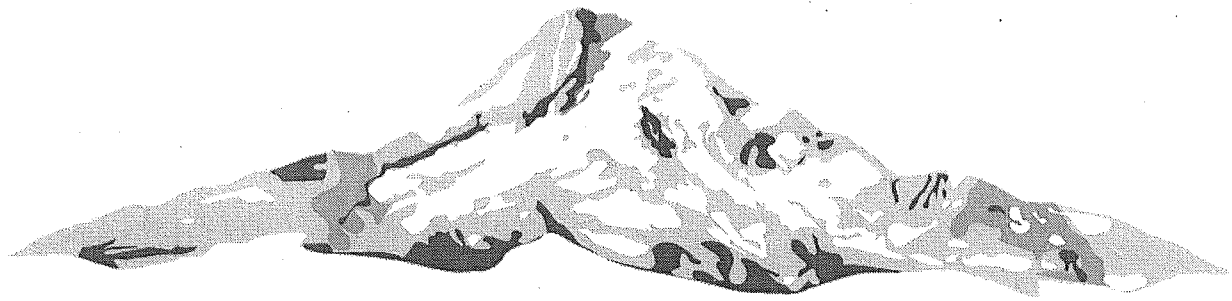
Twenty feet away is an empty backpack. Next to it is your luggage which has been ripped open and strewn across the ground.

You walk around a little bit more trying to find your bearings. You find a medical kit and stuff it in the backpack. In the distance you see more luggage. You open it and find a winter jacket.

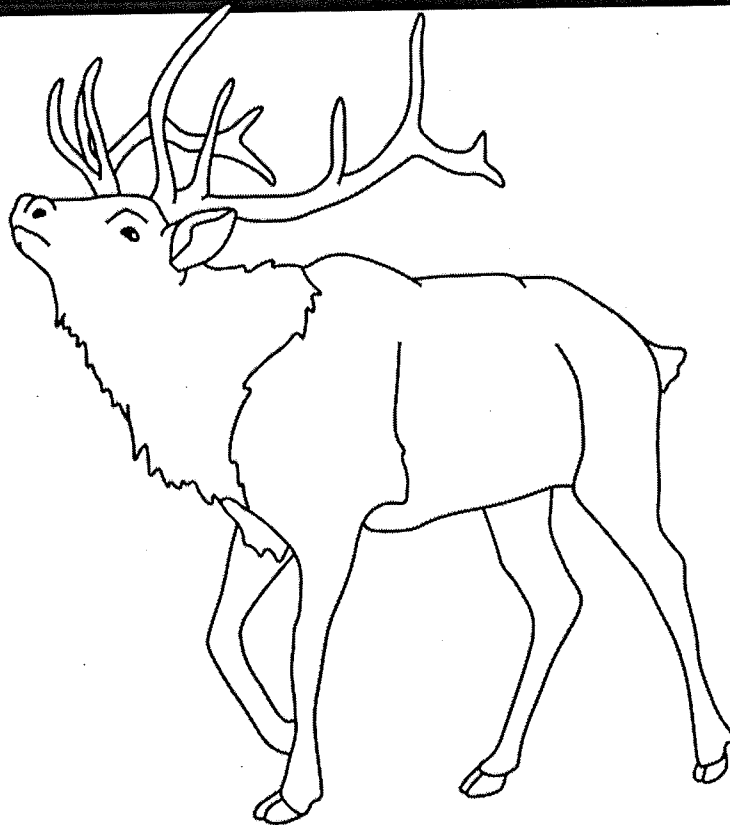
You can see your breath when you breathe. It's cold outside. Enormous trees surround you. In the distance are mountains.

You are in the wild with no working cell phone or anything to communicate with. It is all up to you.

You're going to have to survive in the wilderness.



INTO THE WILDERNESS



↔ name ↔

SURVIVAL INSTINCTS

You are now in survival-mode.

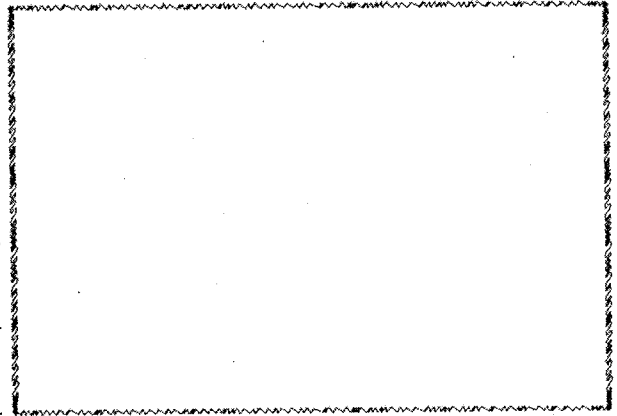
Brainstorm everything you know about surviving in the wilderness.

Work by yourself, with a group, or as an entire class.

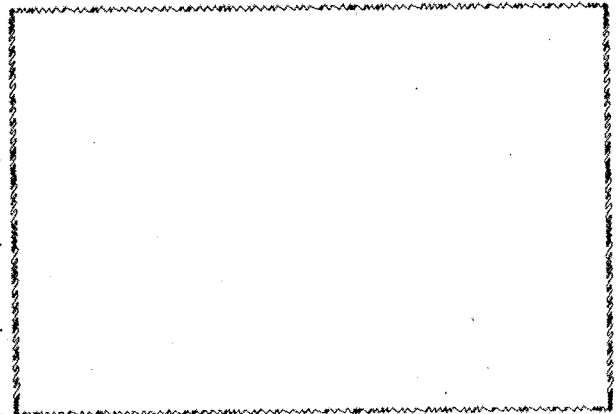
TAKING STOCK

Look at the 10 items you brought for your trip.
What are the **THREE** most important items that will help you survive?
Label the item, draw a picture of it, and explain how it will help.

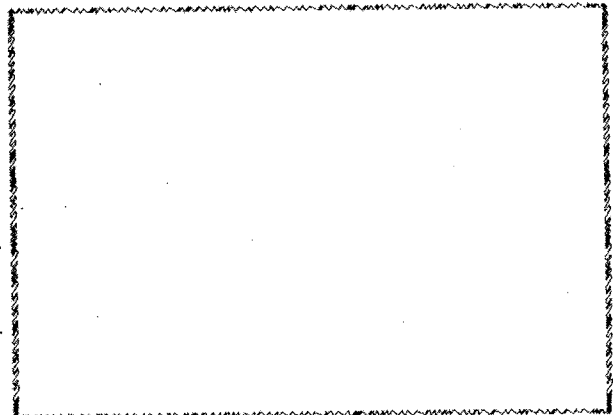
1



2



3



MUST DO NOW!

What are FOUR essential actions that you need to do to ensure your protection and survival in the wilderness?

1

WHY?

2

WHY?

3

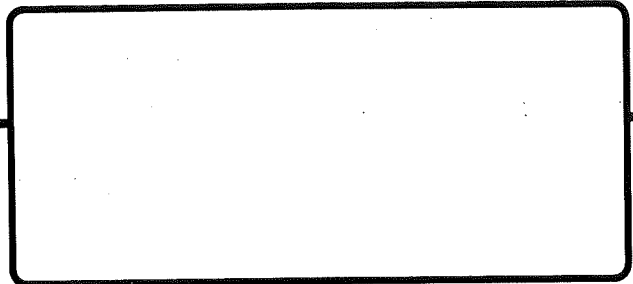
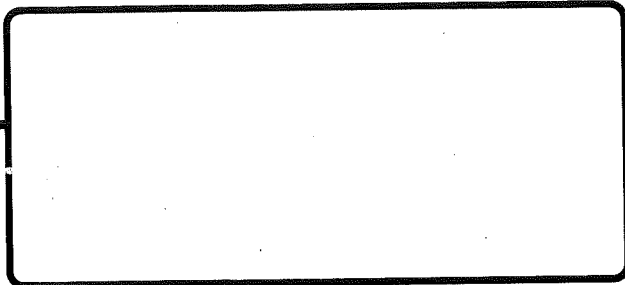
WHY?

4

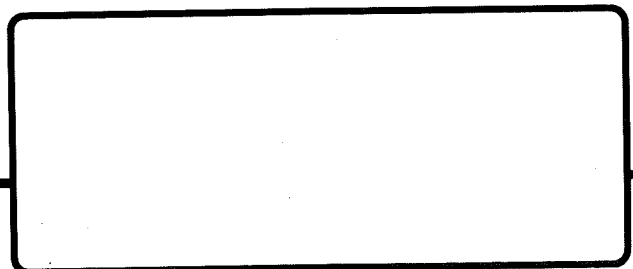
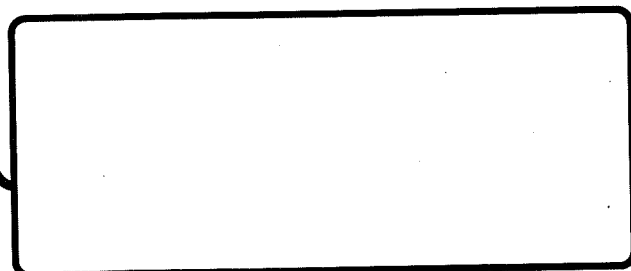
WHY?

STARTING A FIRE

- YOU NEED FIRE!
- Using your knowledge, supplies, and resources on hand, create and draw how you will start a fire.
- Label FOUR key features for building a fire.
- Research or collaborate with others on fire techniques.



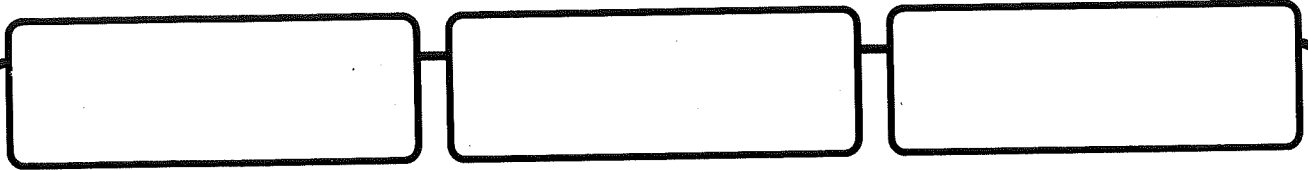
draw here



BUILDING SHELTER

-Before nightfall you need to build shelter. You know you won't be staying there long, but you still need to create cover to help keep you warm until you figure out what you are doing.

Draw an overhead map of your shelter and fire set-up. Label at least three parts of your camp site for the night.

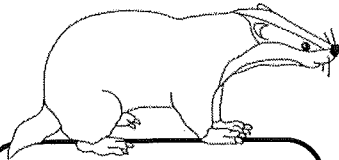


draw here

WHAT KIND OF SHELTER DID YOU CREATE? WHY?

WHERE ARE YOU?

It's time to do a little research. Fill in the information on the animals, geography, and weather that you might find in the wilderness (or what you would like to find out there).



PLANTS

MAMMALS

BIRDS

GEOGRAPHY

REPTILES

TREES

UNEXPLAINED

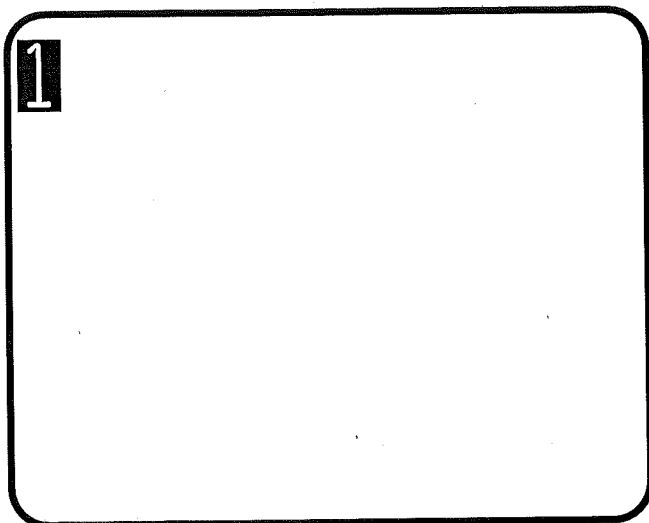
CLIMATE

LANDFORMS AND MORE

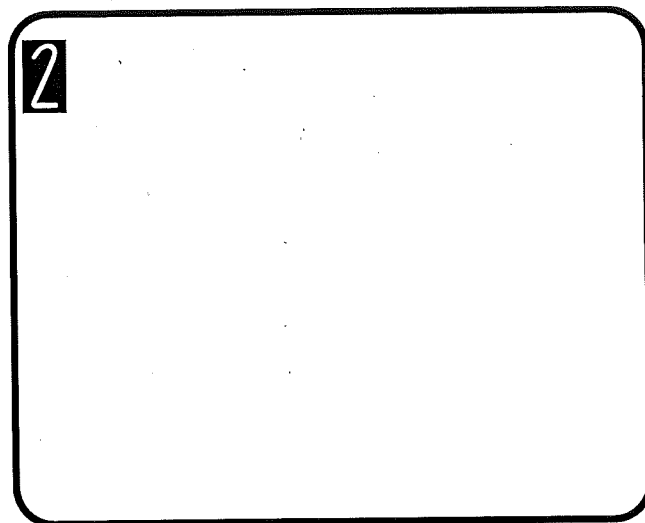
Select landforms (from the list below) you have seen while exploring. Label and draw what these landforms look like by you.

cave	river	prairie
cliff	lake	stream
geyser	boulders	mountain
waterfall	valley	forest

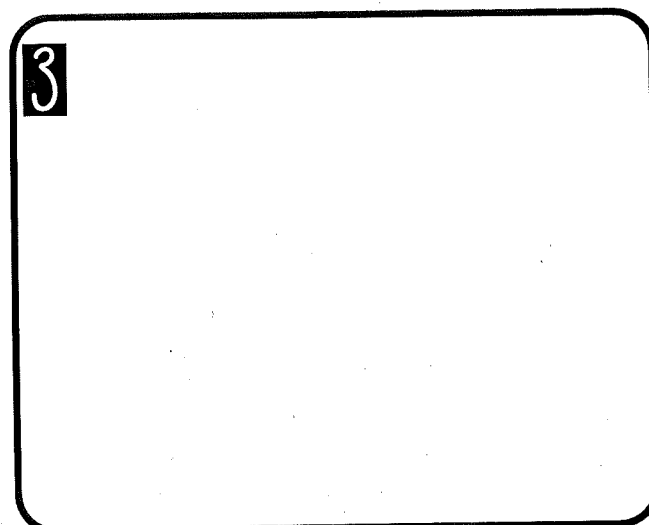
1



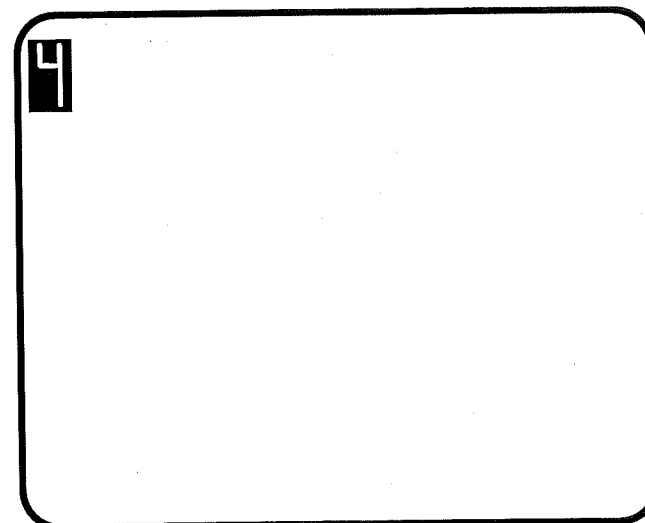
2



3



4



LANDFORMS AND MORE

Select landforms (from the list below) you have seen while exploring. Label and draw what these landforms look like by you.

bluff	rapids	plain
spring	gorge	mesa
mountain	ravine	marsh
canyon	mountain range	crater

1

2

3

4

WILDERNESS VOCABULARY

Define the vocabulary words below by writing a sentence or drawing a picture to demonstrate their meaning.

HABITAT

FOLIAGE

CONIFER

NATIVE

PINNACLE

SURVIVE

RIDGE

TERRAIN

WILDLIFE

WILDERNESS VOCABULARY

Define the vocabulary words below by writing a sentence or drawing a picture to demonstrate their meaning.

CANYON

ELEVATION

COMPASS

STREAM

GLACIER

SHELTER

BACKCOUNTRY

HYPOTHERMIA

TREK

TRACK YOUR MOVEMENT

You need to keep track of where you are and where you have been. How will you do that?

It is very common for people lost in the wilderness to walk in circles. This means they have trouble keeping track of where they have been, and end up in the same spot they started.

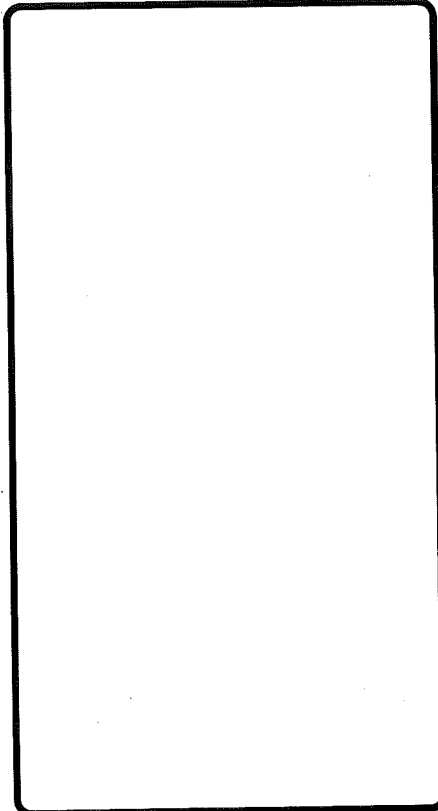
WRITE and DRAW three ways to keep track of where you are going.

<hr/> <hr/> <hr/>	draw here
<hr/> <hr/> <hr/>	
<hr/> <hr/> <hr/>	

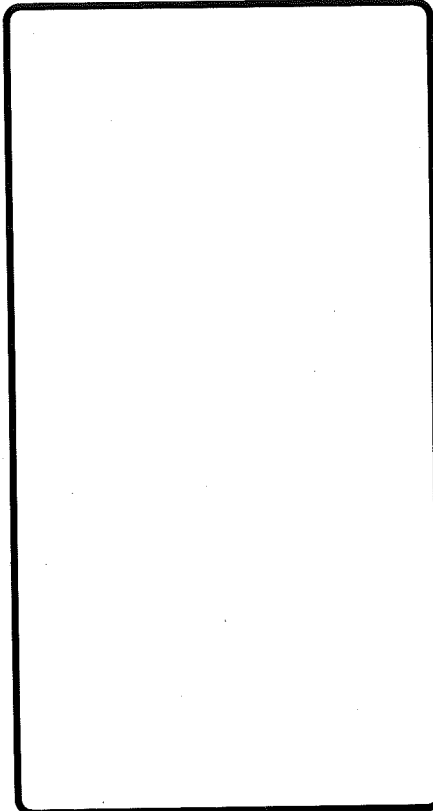
NOURISHING TREATS

Create a list of items in the wilderness that you could use for food and nourishment. Also, keep a running list of items that could be harmful and some that might even be gross.

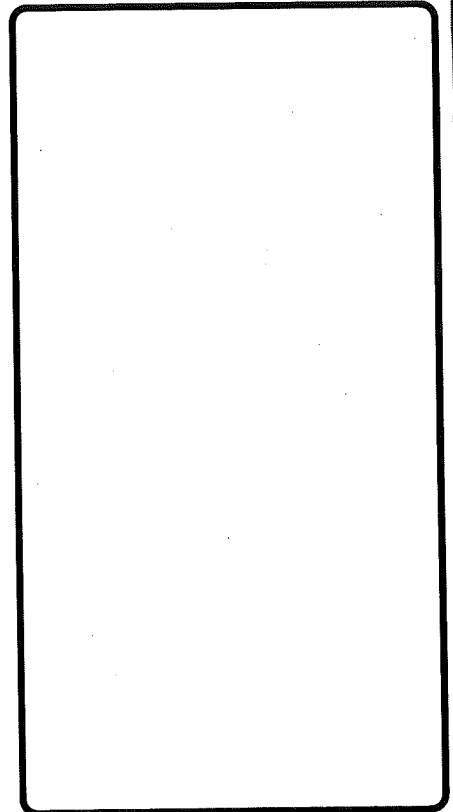
Good



Bad



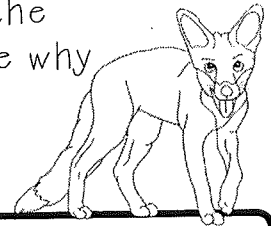
Gross



Why can't you be a picky eater in the wild?

SURVIVAL TOOLS

Create TWO handmade tools that will help you survive in the wild. Write what they are and draw an example. Then write why you think these are important to have.



TURN INTO A TRACKER: ANIMALS

Not only will you need to keep track of where you have been. You need to be able to identify animal tracks you find.

Draw and label SIX different animal prints you could find out in the wild.



BALD EAGLE

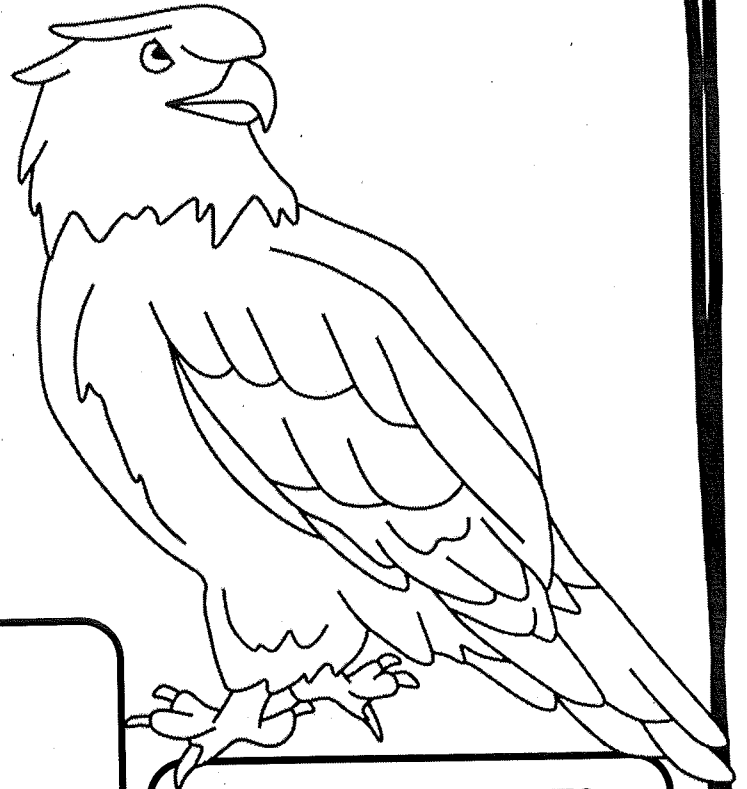
SCIENTIFIC NAME

TYPICAL HABITAT

DIET

SIZE AND WEIGHT

ENEMIES



INTERESTING FACTS

ELK

SCIENTIFIC NAME

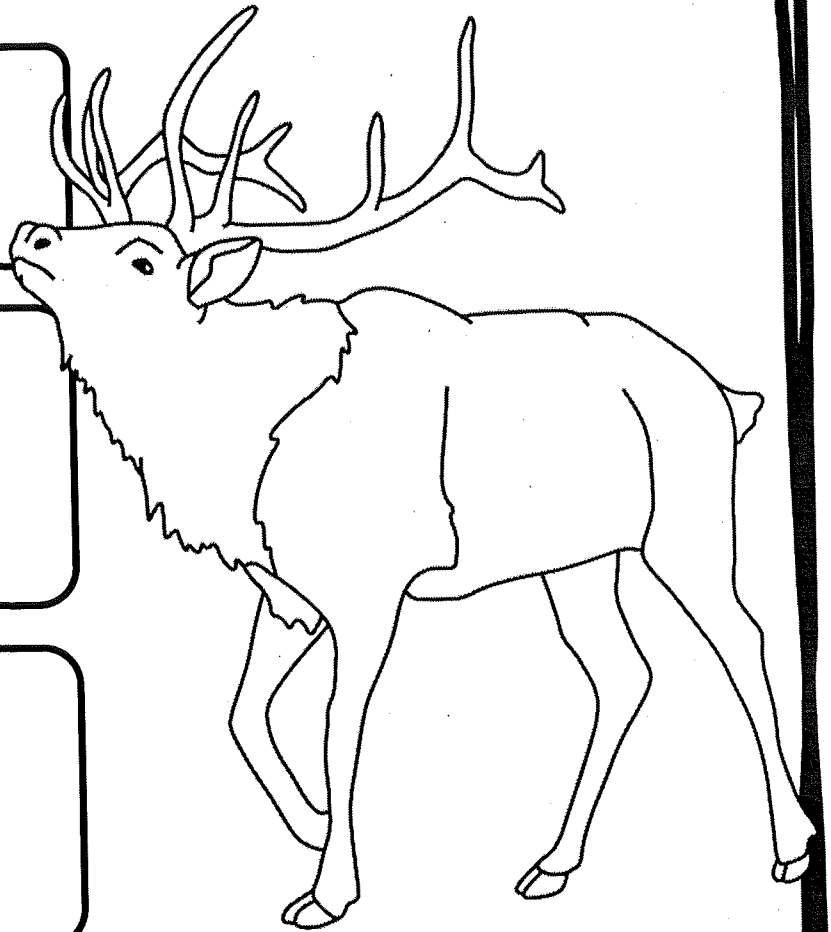
TYPICAL HABITAT

DIET

SIZE AND WEIGHT

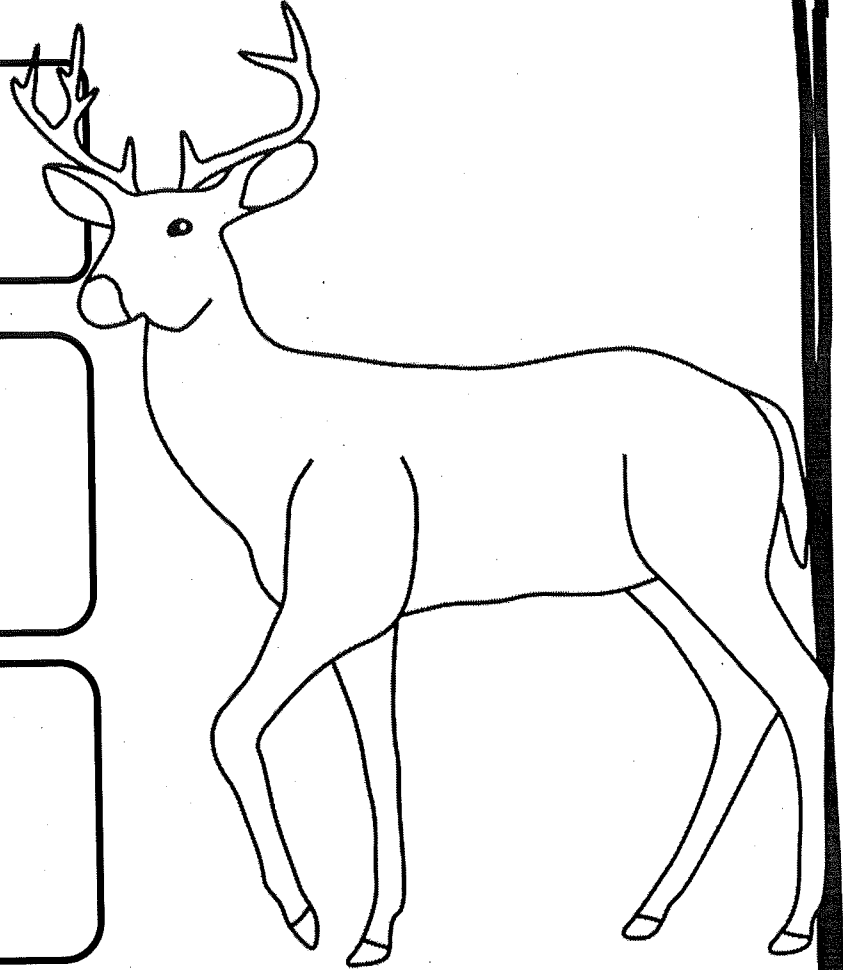
ENEMIES

INTERESTING FACTS



WHITETAIL DEER

SCIENTIFIC NAME



TYPICAL HABITAT

DIET

SIZE AND WEIGHT

INTERESTING FACTS

ENEMIES

OWL



SCIENTIFIC NAME

TYPICAL HABITAT

DIET

SIZE AND WEIGHT

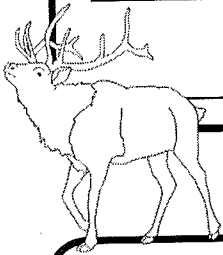
ENEMIES

INTERESTING FACTS

PROBLEM SOLVER

At some point you will need to solve a problem.
How would you react in the situations below?

HOW COULD YOU CREATE SIGNALS FOR HELP?

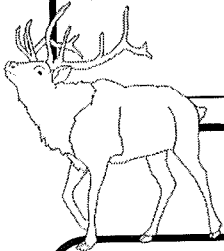


HOW COULD YOU MAKE WATER PURE AND DRINKABLE?

PROBLEM SOLVER

At some point you will need to solve a problem.
How would you react in the situations below?

HOW WOULD YOU CROSS A LARGE RIVER?

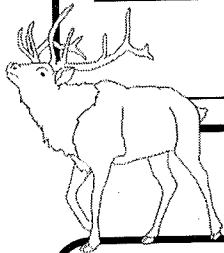


AFTER YOU CROSS THE RIVER, HOW WOULD YOU
PREVENT HYPOTHERMIA FROM SETTING IN?

PROBLEM SOLVER

At some point you will need to solve a problem.
How would your react in the situations below?

HOW WOULD YOU HUNT FOR FOOD?



HOW WOULD YOU REACT WITH COMING FACE TO FACE WITH A BEAR?

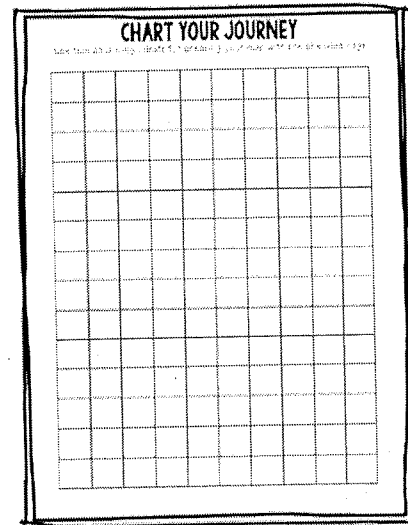


CHART YOUR JOURNEY

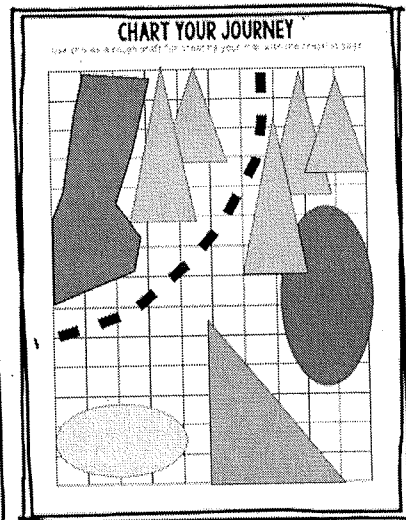
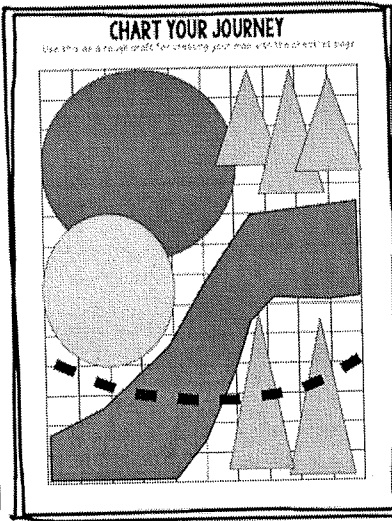
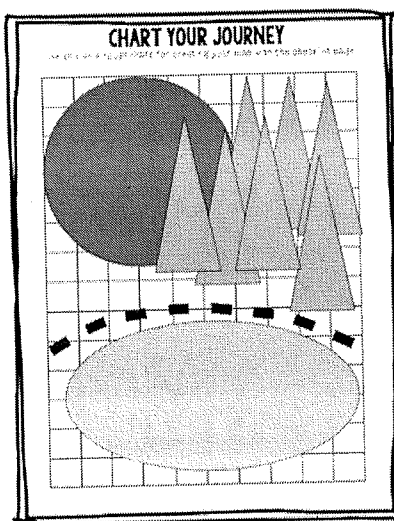
Create a map.

When you chart your journey, you will use this blank graph paper and the checklist to guide you.

Your map should take up more than one page. In fact, it can take up many pages. (BUT if you write small and are very detailed --it might only take one page.)



The example below includes three separate pages showing the journey taken. It includes the trail and landforms that were passed along the way.



You can add as many details on your map (written or drawn) to show what your experience was like. The more details, the better your story will be.

CHART YOUR JOURNEY

CHECK OFF WHEN COMPLETE	TO DO LIST	
	Start with where you begin in the wild.	
	Place an X where you woke up.	
	Draw where your luggage and supplies were found.	
	Draw where you built your first fire.	
	Draw where you built your first shelter.	
	Include 8 LANDFORMS (fill them in below).	
	1	5
	2	6
	3	7
	4	8
	Which way did you go? Include the trail you took	
	Include rivers you passed.	
	Where are the animals you saw located?	
	Where is the best place to fish or find water?	
	Label the highest lookout point you got up to.	
	Use 3 Journal Entries and mark where they took place.	
	1	
	2	
	3	
	HOW and WHERE did you signal for help?	
	Add as much detail, color, and information on the map as possible.	
	Could you include a Legend/Key on the map?	

CHART YOUR JOURNEY

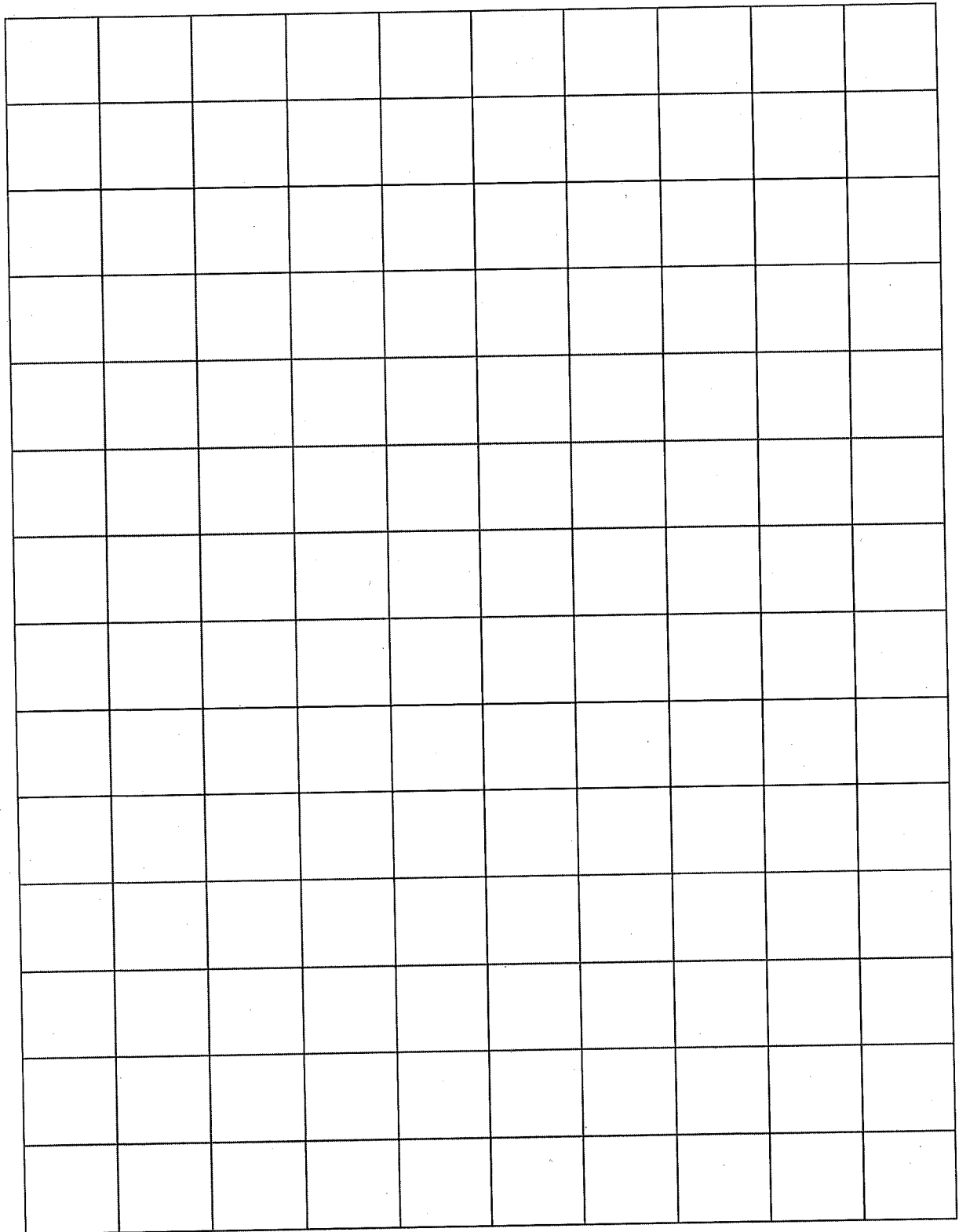


CHART YOUR JOURNEY

CHART YOUR JOURNEY
