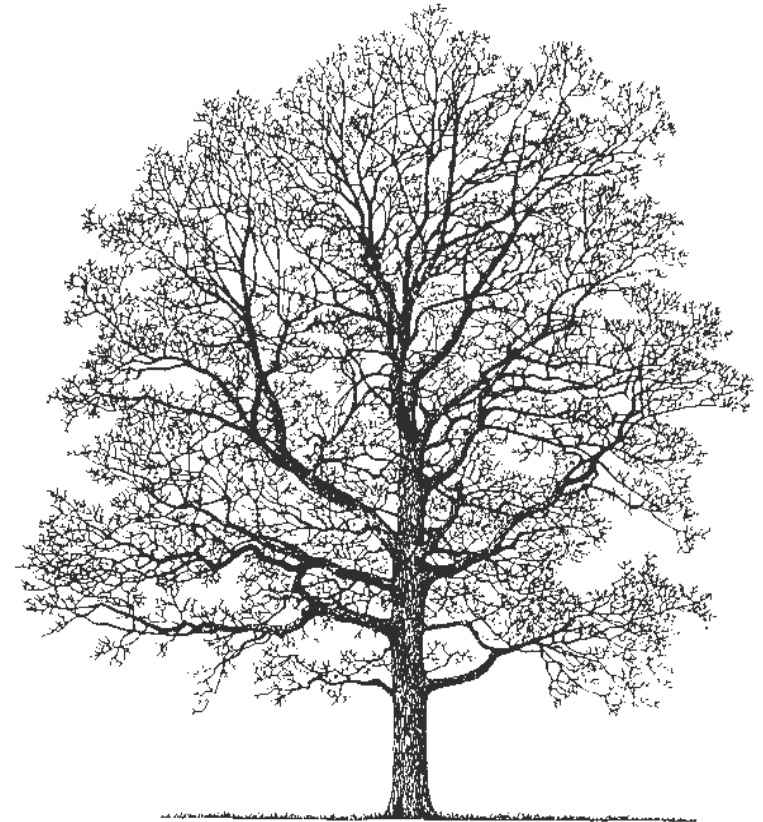
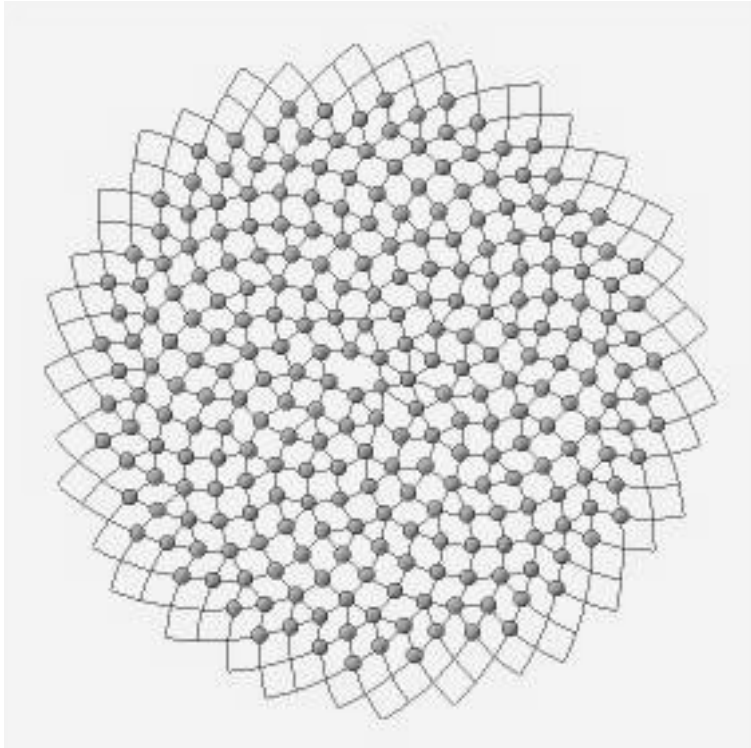


This is your book to keep.
Write, draw, check and write
anything you want in your book.



This booklet was provided by:
The Brenton Arboretum
25141 260th St
Dallas Center, IA 50063
515-992-4211

This is my Prairie Book

Today's Date: _____

Date: _____ Time: _____

Seasonal Weather Study

Spring **Summer** **Autumn** **Winter**

Describe the Weather:

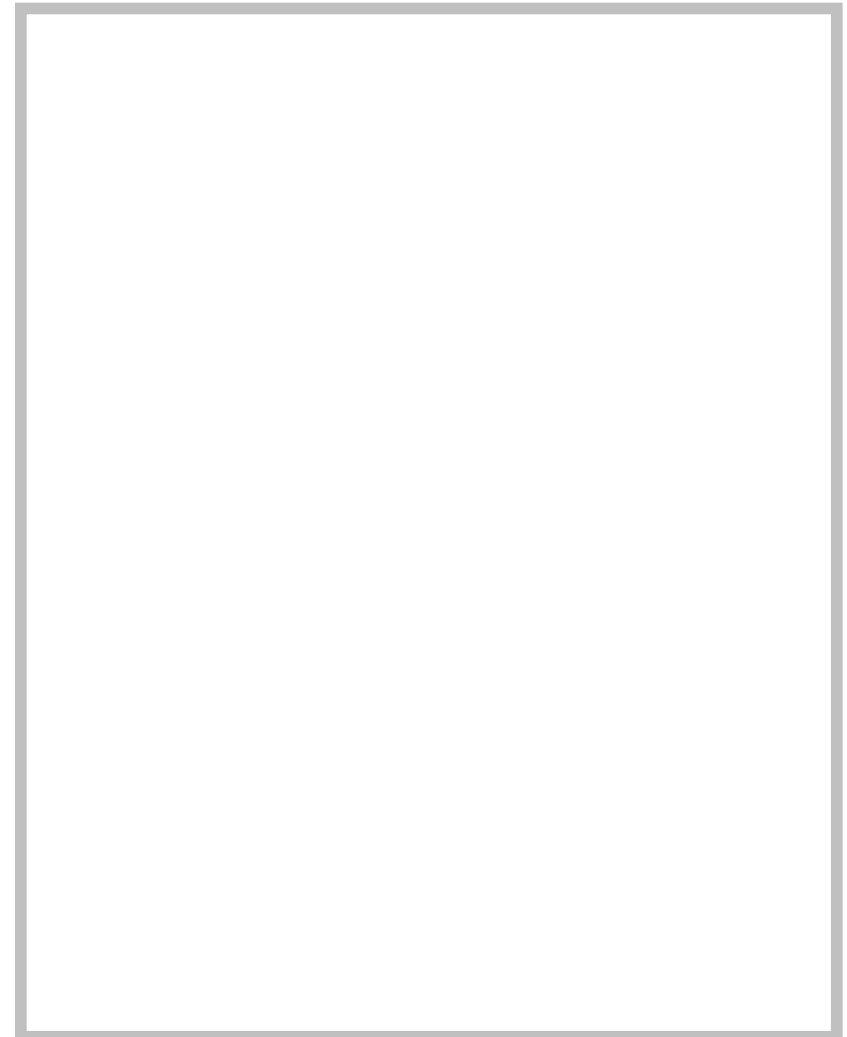
Temperature	
Wind Speed and Direction	
Clear or what kind of clouds	
Rain, snow or other moisture	
Time of Sunrise	
Time of Sunset	

How does the weather feel to you?

Circle the words and write your own.

Dusty **Muddy**
_____ Boiling
Freezing Chilly Awful
Dry Dewy
Frosty _____ Nice
Hot **Pleasant**

I love going outside!
Do you know what I like best?
Here is a picture -
See if you can guess!



Prairie Treasures

Put the letter of your first name on the line when you find these treasures.

Yellow flowers _____

Grass or flower seeds _____

Animal trail or tracks _____

A nest _____

Prairie burning area _____

6 legged insect _____

Bird in the grass _____

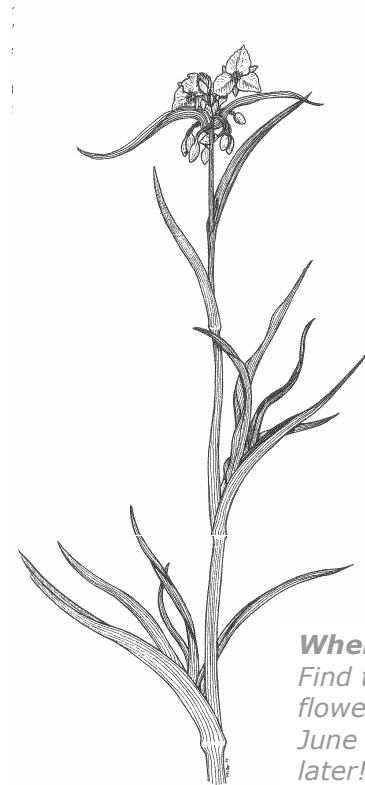
Grass stems from last year _____

Spider web _____

Heart-shaped Leaves _____

Find this wildflower in May and June

Spiderwort



On one stalk, how many flowers are blooming today?

How many will bloom tomorrow?

When:

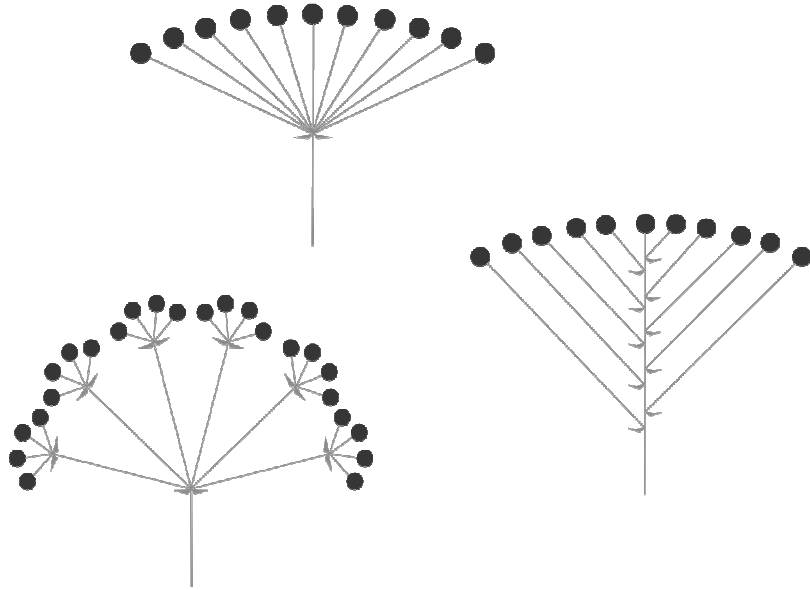
Find these blue flowers in May and June – sometimes later!

How Many –

Petals _____

Sepals _____

Each spiderwort flower blooms for just a few hours – when the petals get hot they turn into cow slobbers.



If you put this flower
under your friends chin.
If you see a yellow
reflection that means
they like butter.



Draw a plant pattern



If you can blow ALL of
the seeds off in 1 breath
- your wish will come
true.

This flower's name is:



Bird Banter

Try to copy the bird songs that you hear.
Sometimes birds will return the call or
will fly closer to you.

Blue Jays - "Jay, Jay, Jay"

Crows - "Caw. Caw. Caw"

Barred Owls - "Who cooks for you?"

Bob White or Quail - "Bob, Bob, White?"

Rufus sided Tohee - "Drink your Tea"

Chick a Dee - "Chick a Dee, Dee, Dee"

Robin - "Cheer-up, cheerily, cheer-up
cheerily"

Spishing - "SP-sh-sh-psh-sh-sh-sh"

Repeated spishing calls can bring curious
birds close to the caller.

Bird Call Hide and Seek

Find an area with shrubs and trees for hiding and
choose a place to be home nest or base. Choose
one person to be the "bird," everyone else is a
birdwatcher. The birdwatchers cover their eyes
and count out loud to 10. The "bird" hides and
makes it's birdcall. Birds always move around -
calling and hiding - so be quick! Shout the name
of the bird that is calling "tagging" the bird
before they get back to the nest.



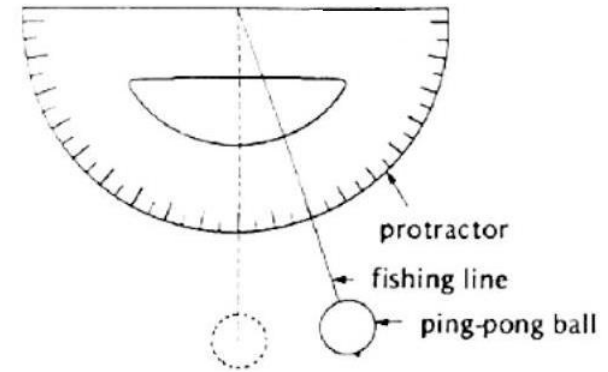
Bird Behavior Bingo

Make an X on the picture when you see birds showing these behaviors.

Can you find three in a row?

How fast is the wind?

Use the protractor and ping-pong ball on a string to determine how fast the wind is blowing.



Anemometer Formula				
Angle	Wind Speed (miles per hour)		Angle	Wind Speed (mph)
0	0		30	15
5	6		35	17
10	8		40	18
15	10		45	19
20	12		50	21
25	13		55	22

Can you blow the ping pong ball as hard as the wind?

Prairie Sounds:

Sit in the prairie with a partner and quietly make a list of things you hear.

Rustling grass, bird songs, insects or water rushing, can you make a list of 10 different sounds?



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

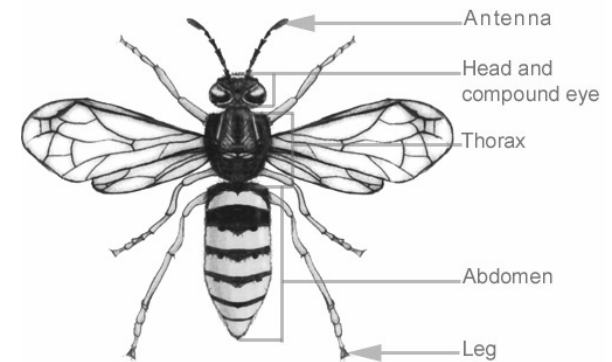
GO ON AN INSECT SAFARI!

1. Find the insect boxes in your backpack
2. Look for bugs
3. Carefully put the bugs in your box, and use the magnifying lid to look closely
4. Write down what you know about your bug

Go on another safari!

Grass Safari Tree Safari Wetland Safari

Always return bugs to their habitat!



Remember an insect has:

6 legs - Antenna - Head - 3 Body Parts
Maybe wings, maybe no wings

Describe the bugs you find on your hike.

			Ant	Name
			Tree	Where found
			6	How many legs?
			0	How many wings
			red	Color
				Make a quick sketch

Insects

G D I D B D T E I G C O C O O N Y W
 C F P E V R V T A Y B Q I B C T X F
 O Z F I R E F L Y N R L N H M K B E
 A D R A G O N F L Y H L S Q Y W B U
 W L E W N D J O L F P N E E X Y E B
 P J A T E R M I T E R C C V W B E K
 G Z M S X A V G Q T A O T L N U T E
 S L O Z H C F C S I Y C T A N T L R
 I G S U V G L E O S I K P D R T E P
 X J Q B E E J I R L N R U Y L E F K
 Q Y U N R E G F O E G O I B K R I Y
 B P I C R I C K E T M A V U P F Q X
 U U T K X F L E A M A C Z G B L N V
 P N O A T J U G K A N H P E R Y N M
 H O R S E F L Y Q Q T M D L B P P O
 T H G L O W A N T P I E Z D Q O H T
 O N W A A D G N D H S P I B B F O H
 T G H G R A S S H O P P E R F N T L



ant



bee

beetle

butterfly

cockroach

cocoon

cricket

dragonfly

firefly

flea

grasshopper

horsefly

insect

ladybug

mosquito

moth

praying mantis

six

termite



Backpack Contents

- Sierra Club Adventure Backpack
- Magnifying bug boxes
- Butterfly rubber stamp
- Insect Bandana
- Thermometer/compass
- Birdcall Identifier
- 2 Magnifying glasses
- Small plant press
- Port-a-bug container
- Rope
- Cloud viewer
- Clipboard
- Colored pencils
- Pencil and sharpener
- Crayons
- Pencil cases
- 5 Library books