Birdwatching JOURNAL

DATE: ..... TIME: ..... BIRD PROFILE NO: .....

LOCATION: .....

SEASON: .....

NAME OF BIRD: .....

SCIENTIFIC NAME: .....

WEATHER:

DESCRIPTION OF THE BIRD'S ACTIONS:

.....

.....

.....

.....

DRAW A PICTURE OF THE BIRD

DRAW A PICTURE OF THE HABITAT

DESCRIPTION OF THE BIRD

SIZE: _____

BILL SHAPE: _____

WING SHAPE: _____

COLORS: _____

MARKINGS: _____

NOTES:

.....

.....

.....

Birdwatching TALLY

BIRD NAME	TALLY	TOTAL
	○○○○○○○○○○○○○○○○○○○ ○○○○○○○○○○○○○○○○○○○	
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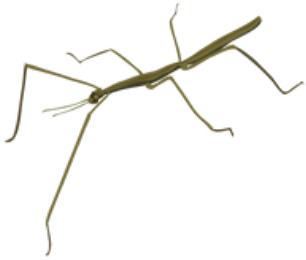
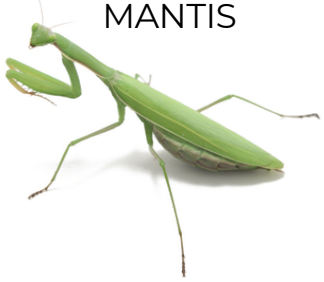
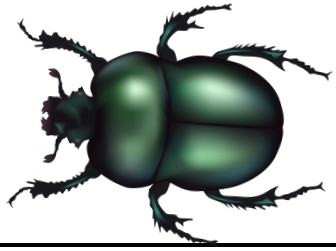
BUG BINGO

ANT 	COCKROACH 	SPIDER 	GRASSHOPPER 
FLY 	CATERPILLAR 	BEE 	BUTTERFLY 
ROLY POLY 	DRAGONFLY 	WALKING STICK 	LADYBUG 
WORM 	MANTIS 	CRICKET 	BEETLE 

Bug Journal

Bug Type:

Date Observed:

Weather During Observation:

Temperature During Observation:

Habitat:

Special Notes:

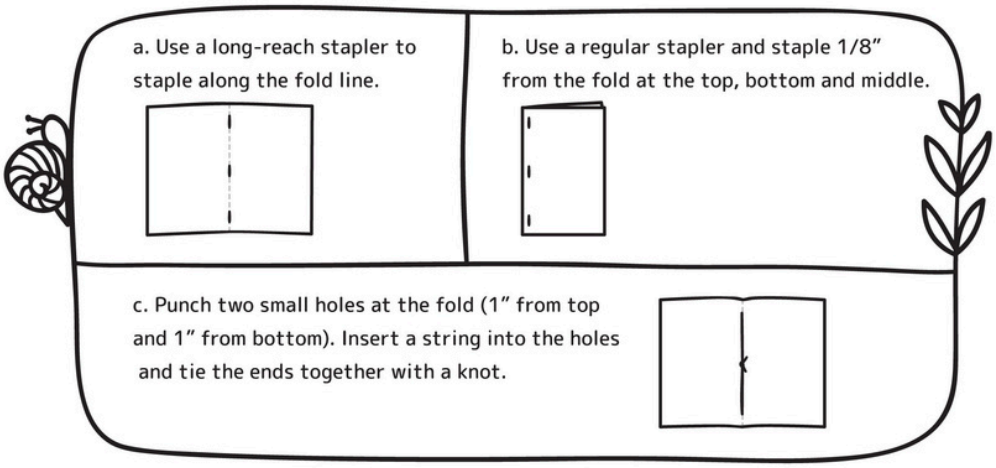
Observation/Behavior:

INSTRUCTIONS:

1. Print one cover page and as many inside pages as you'd like.
   Tip: If printing on the front and back of each page, choose a premium paper or cardstock so the pictures don't show through the page.

2. Stack the pages together and fold them in half.

3. Use one of the following techniques to bind the pages together:

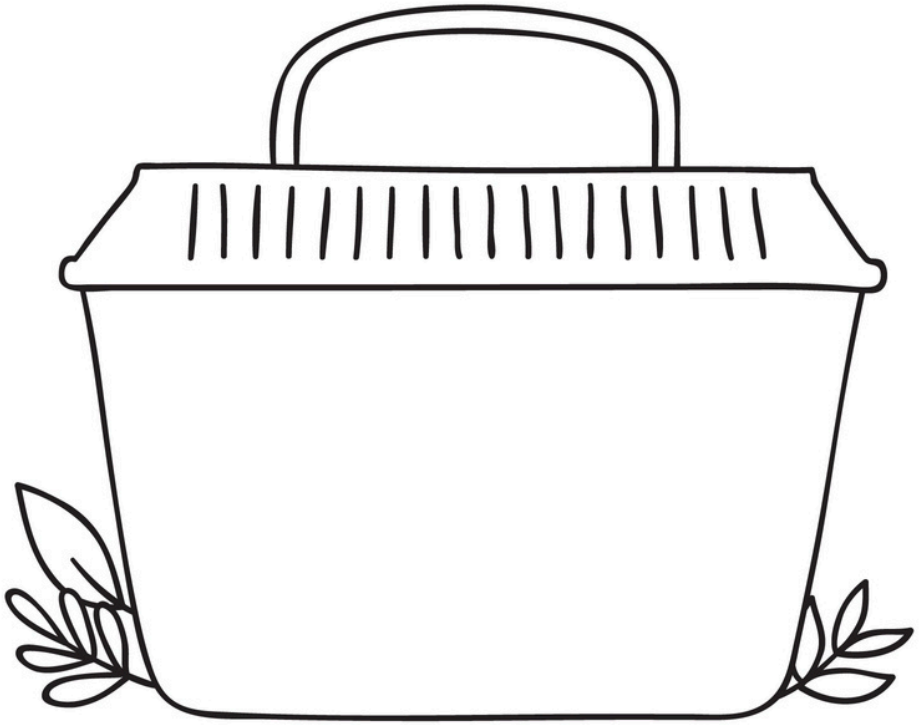


4. Give to little explorers and send them outside to capture and observe bugs. Then they can record and draw their finds in their journal. **Happy exploring!**

Designed by

Mandy Porta

www.mandyporta.com



Draw it in here

Name of bug: _____

Where I found it: _____

This bug is...

☐ Small	☐ Fast	☐ Slimy
☐ Big	☐ Fuzzy	☐ Soft
☐ Cute	☐ Shiny	☐ Hard
☐ Scary	☐ Round	☐ Colorful
☐ Slow	☐ Thin	☐ _____

Name of bug: _____

Where I found it: _____

This bug is...

☐ Small	☐ Fast	☐ Slimy
☐ Big	☐ Fuzzy	☐ Soft
☐ Cute	☐ Shiny	☐ Hard
☐ Scary	☐ Round	☐ Colorful
☐ Slow	☐ Thin	☐ _____

Draw it in here

GARDENING JOURNAL

HERB NAME: _____

START DATE	BLOOM DATE

LIGHT LEVEL	☐ Sun ☐ Paratial Sun ☐ Shade

PLANT INSTRUCTIONS

WATER NEEDED	CARE INSTRUCTIONS
Less 1 - 2 - 3 - 4 Much	

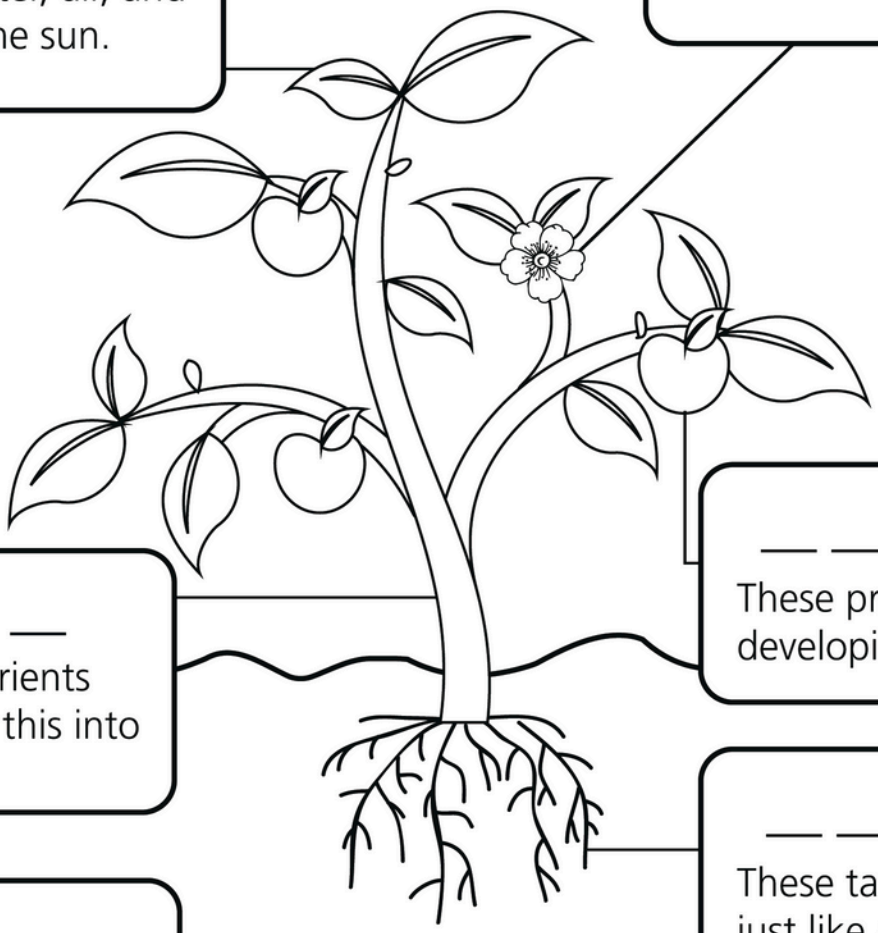
IMPORTANT NOTES

Plant Parts

ROYAL BOTANICAL GARDENS

When rooted in the right place, plants can meet their needs with air, water, and their surroundings to survive. Using the words in the word bank, label the plant below.

WORD BANK			
	Leaves	Fruit	Roots
	Flowers	Stem	Seeds



— — — — — —

These make food for the plant from water, air, and energy from the sun.

— — — — — — —

These become the fruit.

— — — — —

These protect the developing seeds.

— — — — —

These take up water, just like a straw, and anchor the plant in the soil.

— — — — —

Water and nutrients travel through this into the leaves.

— — — — —

These grow into new baby plants.

Observation Station

ROYAL BOTANICAL GARDENS

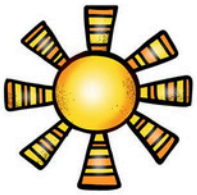
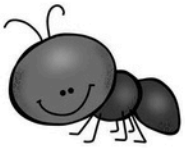
Watch your garden grow! Track the growth of one of your seedlings in this chart.

Week #	Height	Observations
1		
2		
3		
4		
5		
6		
7		
8		
9		
10		

Thoughts to include in your observations:

- How many days was it before the first seedling poked through the soil?
- What types of insects have you seen?
- How often do you water?
- How many leaves?
- Is the sun out?

Nature Hike Bingo

 stick	 tree	 butterfly	 acorn	 squirrel
 leaf	 spider	 grass	 rock	 ladybug
 lizard	 sun	Free	 ant	 log
 bush	 flower	 bird	 mushroom	 caterpillar
 worm	 cloud	 web	 nest	 bee


Nature Journal


Notes on the day:

Observer's Name: .....

Date and time: .....

Weather: .....

Locations observed: .....

Drawing of my observation:

Observations:

I see: .....
.....
.....

I feel: .....
.....
.....

I smell: .....
.....
.....

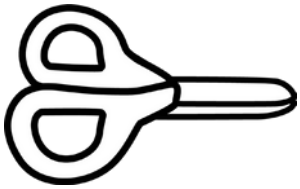
I hear: .....
.....
.....

I wonder: .....
.....
.....

Name: _____ Date: _____

Measuring in Inches

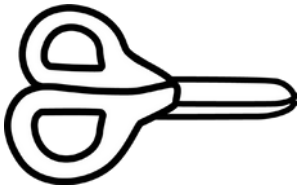
Directions: Estimate how many inches long each item is. Then, measure each item.

Item From Your Classroom	My Estimate (guess)	Measure with a Ruler (in)
		
		
		
		
		

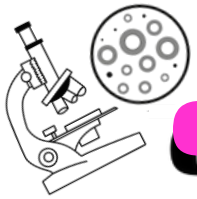
Name: _____ Date: _____

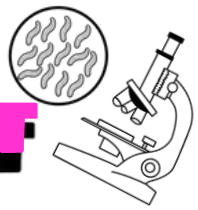
Measuring in Centimeters

Directions: Estimate how many centimeters long each item is. Then, measure each i te m.

Item From Your Classroom	My Estimate (guess)	Measure with a Ruler (cm)
		
		
		
		
		

MICROSCOPE SLIDE OBSERVATION SHEET





Specimen: _____

_____

Specimen: _____

_____

Specimen: _____

_____

Specimen: _____

_____

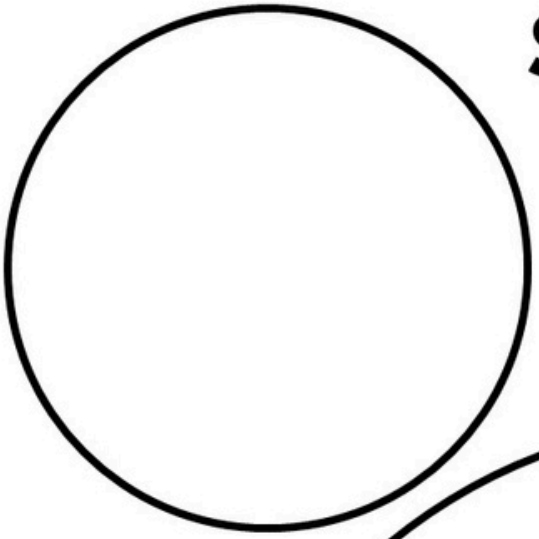
Name: _____

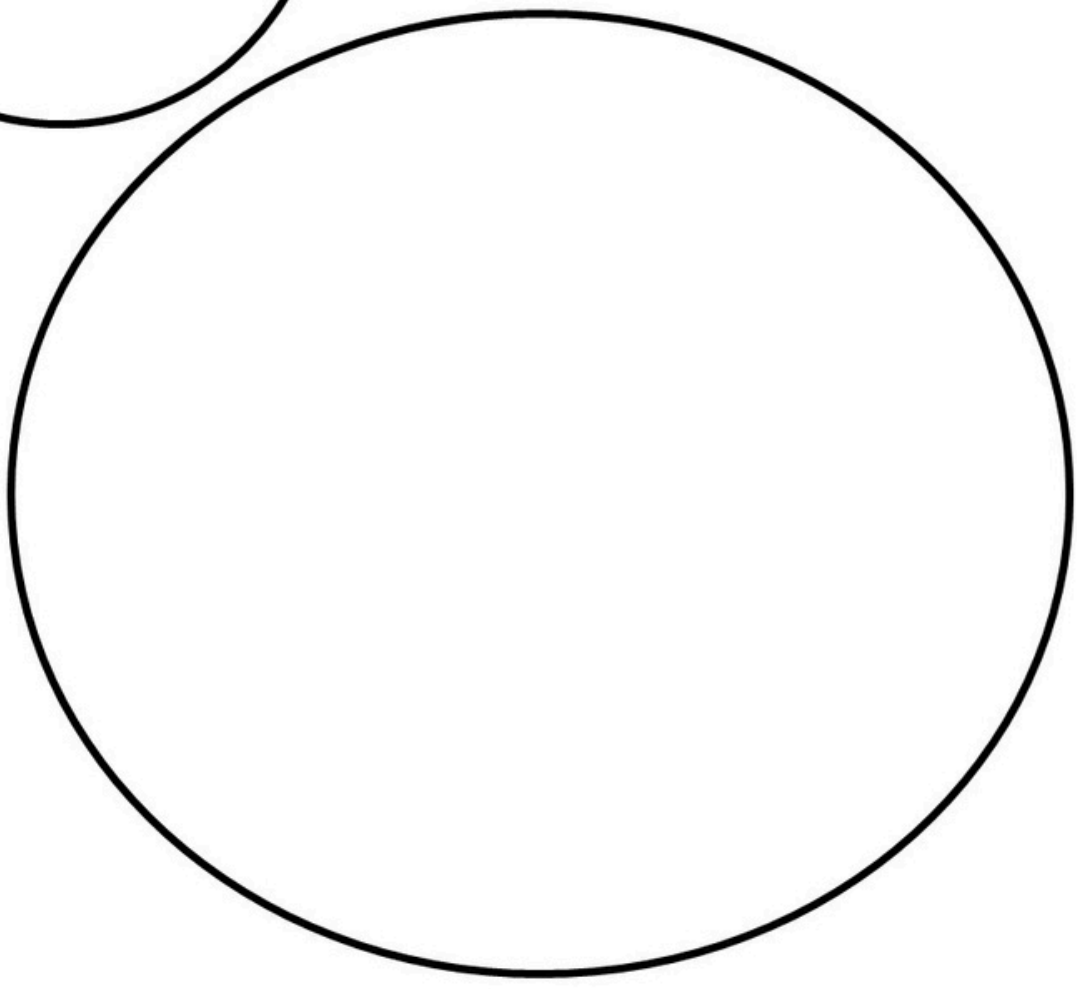
LOOKING THROUGH A MICROSCOPE

Choose a slide to view through the microscope. Observe what you see, then take your time to create detailed illustrations in the circles below. Remember, scientists are *always thorough*!

SLIDE: _____

FAR AWAY





CLOSE UP

Name: _____

MICROSCOPE FAST FACTS

ROBERT HOOKE

This scientist gave cells their name. He examined a piece of cork to test out a homemade microscope. The cork up close looked like small, empty chambers that Hooke reported looking like cells. If he didn't have a microscope, he wouldn't have been able to see the "cell-like" features of the cork.

Dutch inventor **Zacharias Jansen** is credited with inventing the first microscope in the 1500s.

Anton van Leeuwenhoek is another Dutch scientist who worked to fine-tune microscopes and make them more powerful.

Microscopes are so important to our ongoing understanding of science and things around us that we can't see with the naked eye. How would our understanding of the world be different if we didn't have microscopes?

THINK ABOUT IT!

DID YOU KNOW?

The original microscopes could magnify an object to about 300x its original size. Today's microscopes can magnify objects 500,000 times or more!

Name _____ Date _____

MY SKY JOURNAL

Pick a quiet spot outside or inside where you can see outside. Take a few deep breaths and try to calm your body and mind. Lay down or sit in this space during the day time, draw what you see, what you notice around you and how you feel. Come back to the same spot at night and do the same. Compare your drawings. List down what things are the same and what things are different.

DAY

NIGHT

What did you see? How did you feel? What did you notice?

Similarities

Differences

Calming

Yoga Flow

I am safe.

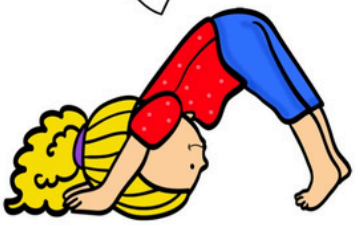
I am calm.

I am kind.

I am strong.

I am brave.

I think positive.



I am peaceful.

I am focused.

Repeat 3 to 5 times

YOGA BINGO

				
				
		Free