

7th Annual



Natural Sciences Days

~October 21 & 28, 2011~

Activities and Presentations are structured around

Grades K-2

California Science Standards in:

Life Sciences

Earth Sciences

Investigation and Experimentation

NAME _____

SCHOOL _____

TEACHER _____

Schedule

Schools will be assigned a Group# upon arrival. Volunteers will be available to walk with your group from station to station. Student packages will be distributed at your first station.

Group #1

9:00 Red & White Stage - Who Looks Like Who?	Page 1
9:30 Lakeside Amphitheater - Worms Eat Our Garbage	Page 2
10:00 Events Plaza - Plant Labeling	Page 3
10:30 Creekside Terrace - Different Types of Rocks	Page 6
11:00 Claudia's Garden - Trees with Funny Shapes	Page 7
11:30 Monarch Garden - Find the Food You Eat	Page 8

Group #2

9:00 Lakeside Amphitheater - Worms Eat Our Garbage	Page 2
9:30 Events Plaza - Plant Labeling	Page 3
10:00 Creekside Terrace - Different Types of Rocks	Page 6
10:30 Claudia's Garden - Trees with Funny Shapes	Page 7
11:00 Monarch Garden - Find the Food You Eat	Page 8
11:30 Red & White Stage - Who Looks Like Who?	Page 1

Group #3

9:00 Events Plaza - Plant Labeling	Page 3
9:30 Creekside Terrace - Different Types of Rocks	Page 6
10:00 Claudia's Garden - Trees with Funny Shapes	Page 7
10:30 Monarch Garden - Find the Food You Eat	Page 8
11:00 Red & White Stage - Who Looks Like Who?	Page 1
11:30 Lakeside Amphitheater - Worms Eat Our Garbage	Page 2

Group #4

9:00 Creekside Terrace - Different Types of Rocks	Page 6
9:30 Claudia's Garden - Trees with Funny Shapes	Page 7
10:00 Monarch Garden - Find the Food You Eat	Page 8
10:30 Red & White Stage - Who Looks Like Who?	Page 1
11:00 Lakeside Amphitheater - Worms Eat Our Garbage	Page 2
11:30 Events Plaza - Plant Labeling	Page 3

Group #5

9:00 Claudia's Garden - Trees with Funny Shapes	Page 7
9:30 Monarch Garden - Find the Food You Eat	Page 8
10:00 Red & White Stage - Who Looks Like Who?	Page 1
10:30 Lakeside Amphitheater - Worms Eat Our Garbage	Page 2
11:00 Events Plaza - Plant Labeling	Page 3
11:30 Creekside Terrace - Different Types of Rocks	Page 6

Group #6

9:00 Monarch Garden - Find the Food You Eat	Page 8
9:30 Red & White Stage - Who Looks Like Who?	Page 1
10:00 Lakeside Amphitheater - Worms Eat Our Garbage	Page 2
10:30 Events Plaza - Plant Labeling	Page 3
11:00 Creekside Terrace - Different Types of Rocks	Page 6
11:30 Claudia's Garden - Trees with Funny Shapes	Page 7

All Groups

12:00 - 12:30 Lunch

12:30 - 2:00 Select age appropriate rides open:

Banana Split - Mushroom Swing - Timber Twister

Quicksilver Express - Garlic Twirl - Redwood Railroad

South County Backroads - Strawberry Sundae - Balloon Flight

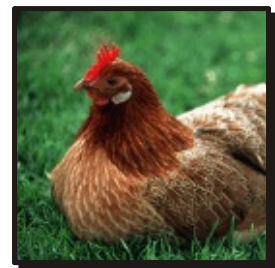
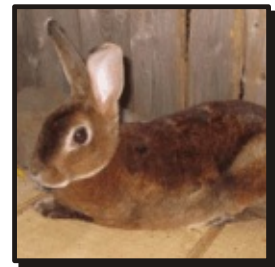
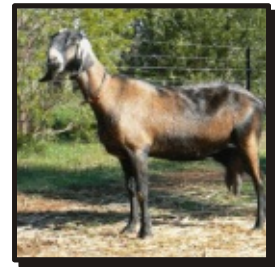
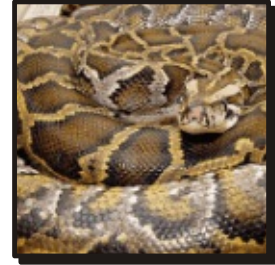
Who Looks Like Who?

Identify pictures of baby organisms that go with their corresponding adults.

I'm the Baby



I'm the Parent



“Who Looks Like Who?”

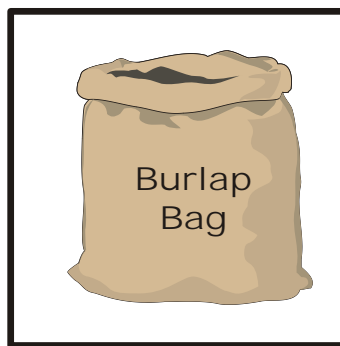
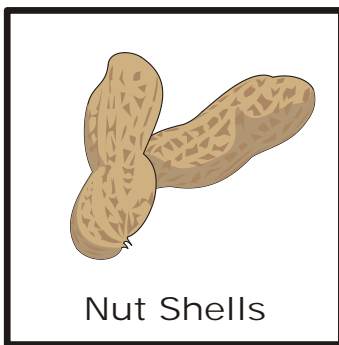
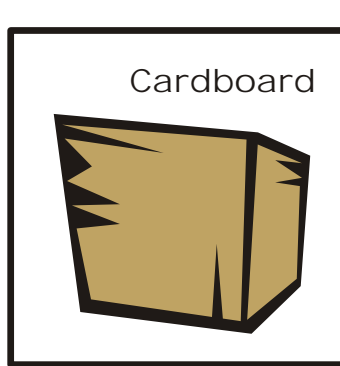
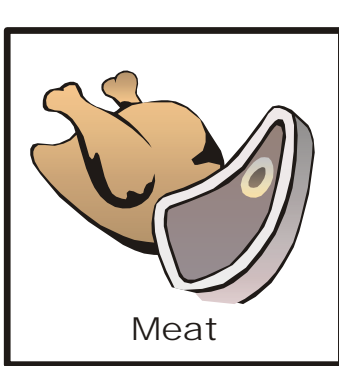
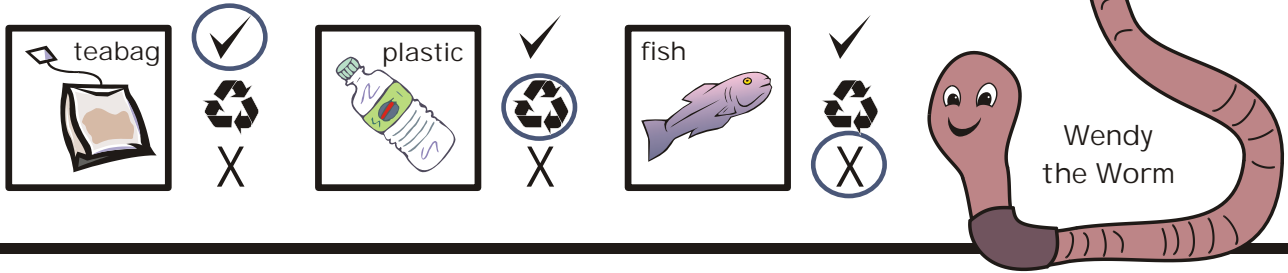
Station Description:

This is a presentational station. Students will learn about the characteristics of native California birds and animals and which characteristics are inherited or environmental. The “Who Looks Like Who?” exercise can be completed while the students are waiting for the presentation to start or may be used as a follow up exercise in the classroom.

Grade 2 California Science Standard 2C

“Students know many characteristics of an organism are inherited from the parents. Some characteristics are caused or influenced by the environment.”

Worms Eat Our Garbage



Sort the garbage. Which items can you compost?
Which items can you recycle? Which items are bad garbage?

✓ Compost ♻️ Recycle ✗ Bad Garbage

“Worms Eat Our Garbage”

Station Description:

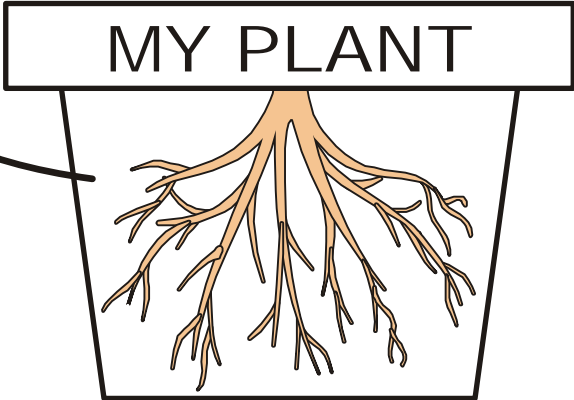
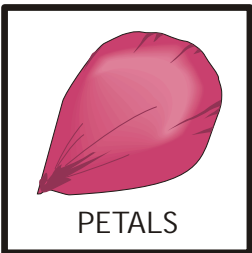
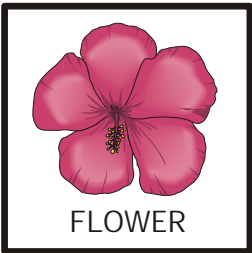
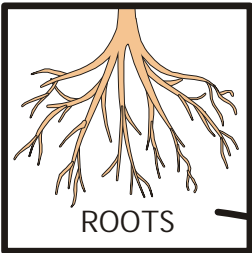
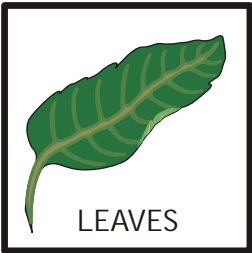
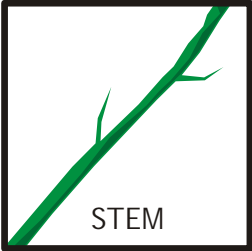
This is a presentational station. Students will learn about composting, why it is good for our environment and that many resources can be conserved. The “Worms Eat Our Garbage” exercise can be completed while the students are waiting for the presentation to start or may be used as a follow up exercise in the classroom.

Kindergarten California Science Standard 3C

“Students know how to identify resources from Earth that are used in everyday life and understand that many resources can be conserved.”

Plant Labeling

Draw your plant on the paper below. Connect the parts.



“Plant Labeling”

Station Description:

This is an interactive station. Students will learn the parts of a plant by actively identifying from live examples.

Kindergarten California Science Standard 1C

“Students know how to identify major structures of common plants and animals.
(e.g., stems, leaves, roots, arms, wings, legs)”

Draw the other half of the Circus Tree
and then color it!

How many
holes are in
Basket Tree?



Axel Erlandson used several American Sycamores trees
(*Platanus occidentalis*) to create the Circus Trees.
How many do you think he used to create the Basket Tree? _____
Can you tell where one tree begins and the other ends?

The Circus Tree exercise is intended for those students who finish their “Plant Labeling” early, or as a follow up in the class room.

Word Find - - - Plant Parts

Look carefully in the letter jumble and try to find all the words from the list below. Look up, down, sideways, diagonal and backward. Circle the words you find.

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

ANTHER
FILAMENT
LATERAL ROOT
LEAVES
NODE
OVARY
PETAL

PHLOEM
PISTIL
POLLEN
RECEPTACLE
SEPAL
STAMEN
STEM

STIGMA
STOMATA
STYLE
TAPROOT
VEINS
XYLEM

The “Word Find - Plant Parts” exercise is included for those students who finish their “Plant Labeling” early.

Different Types of Rocks

Put the rocks that look alike together. (Sort your rocks by color, shape, texture and size.)

Pick 3 rocks and then...

Draw a picture:

1	2	3
---	---	---

Measure:

1. _____

2. _____

3. _____

Describe:

1. _____

2. _____

3. _____

“Different Types of Rocks”

Station Description:

This is an Experimentation Station. Students will sort and compare various types of rocks and record their observations.

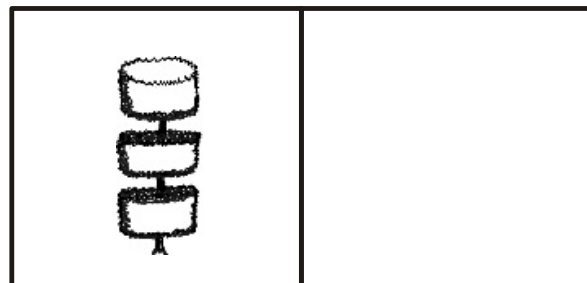
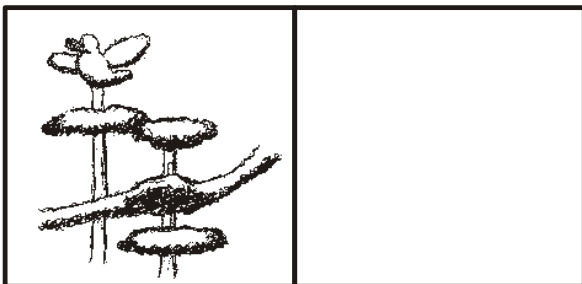
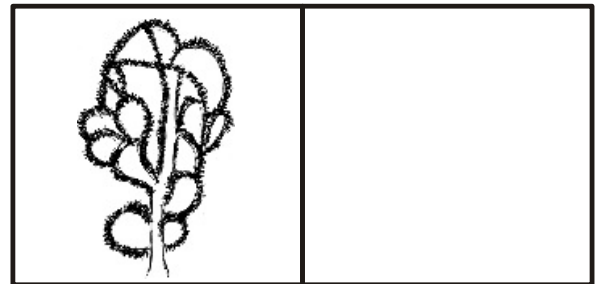
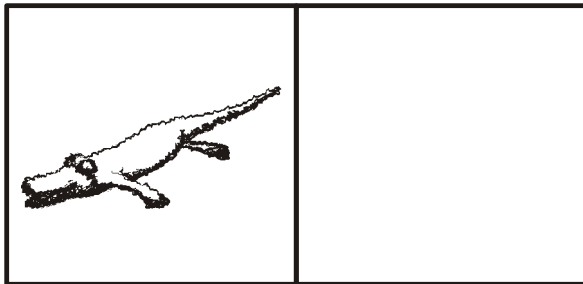
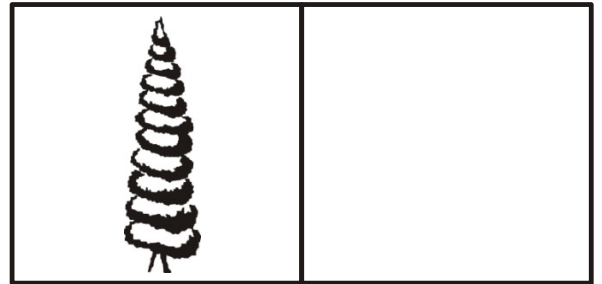
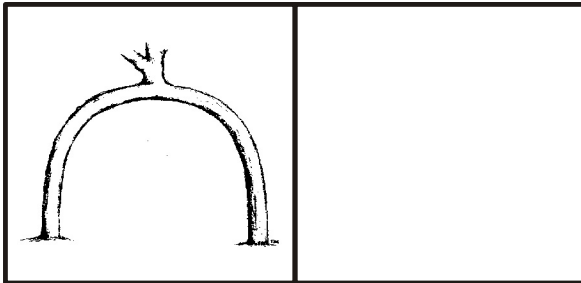
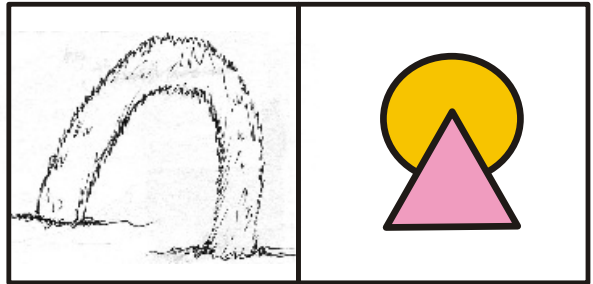
Grades 1-2 California Science Standard 4

“Record observations and data with pictures, numbers, or written statements
“Compare and sort common objects according to two or more physical attributes.
(e.g., color, shape, texture, size, weight)

Trees with Funny Shapes

When you find the funny shaped tree or plant, draw the object you see on the sign in the box below.

Example:



“Trees with Funny Shapes”

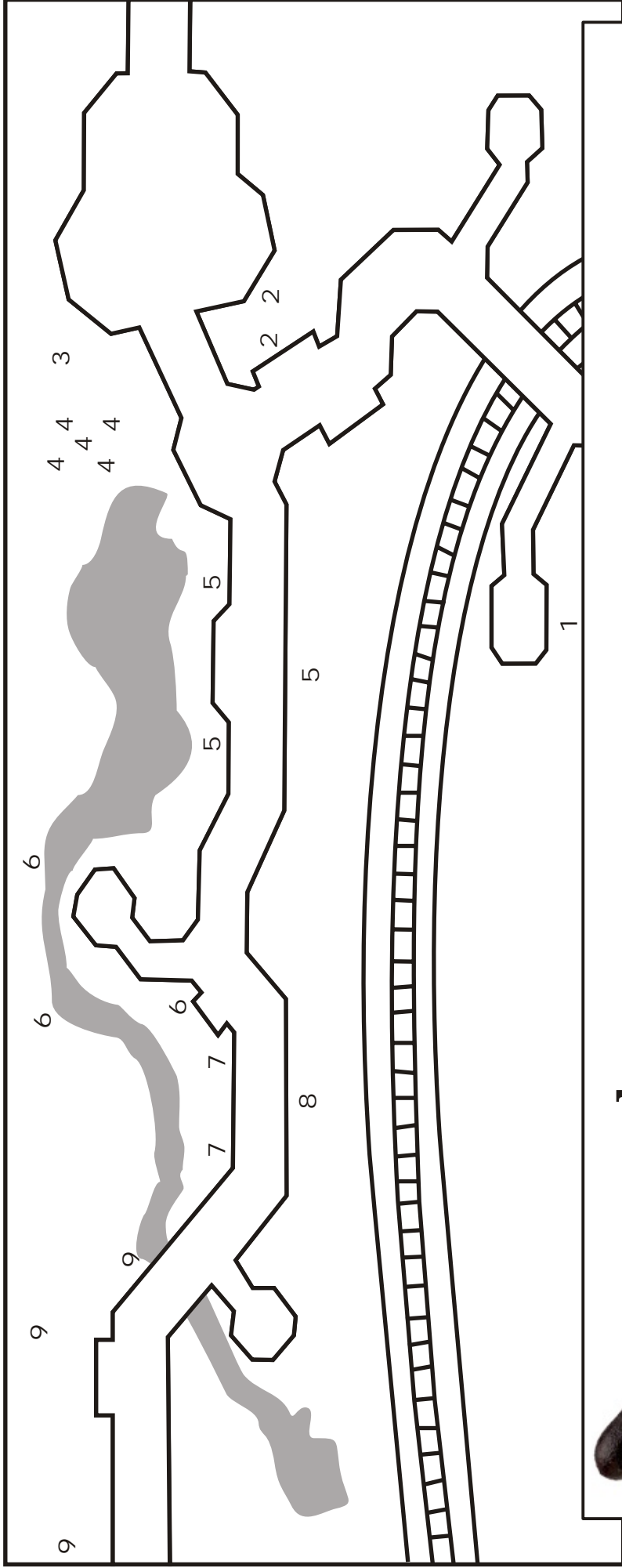
Station Description:

This is an investigative station. Students will learn the difference between natural trees and trees shaped by man, using an ornamental conifer garden as a living example. Students will then use their investigation skills to search for the shapes.

Grade 2 California Science Standard 1A

“Students know the position of an object can be described by locating it in relation to another object or to the background.”

Find the Food You Eat - Fill in the first letter of the food name when you find the tree.



___vocado

___anana

___ango

___herimoya/___hirimoya

___lapaya



___uava/___uayaba

___apote - Black or White

___ummelo

___offee

“Find the Food you Eat”

Station Description:

This is an investigative station. Students will learn that many of the foods we eat grow in a tropical and sub tropical environments. Students will then search for living examples of the food they eat in a working, tropical greenhouse.

Grade 1 California Science Standard 2A

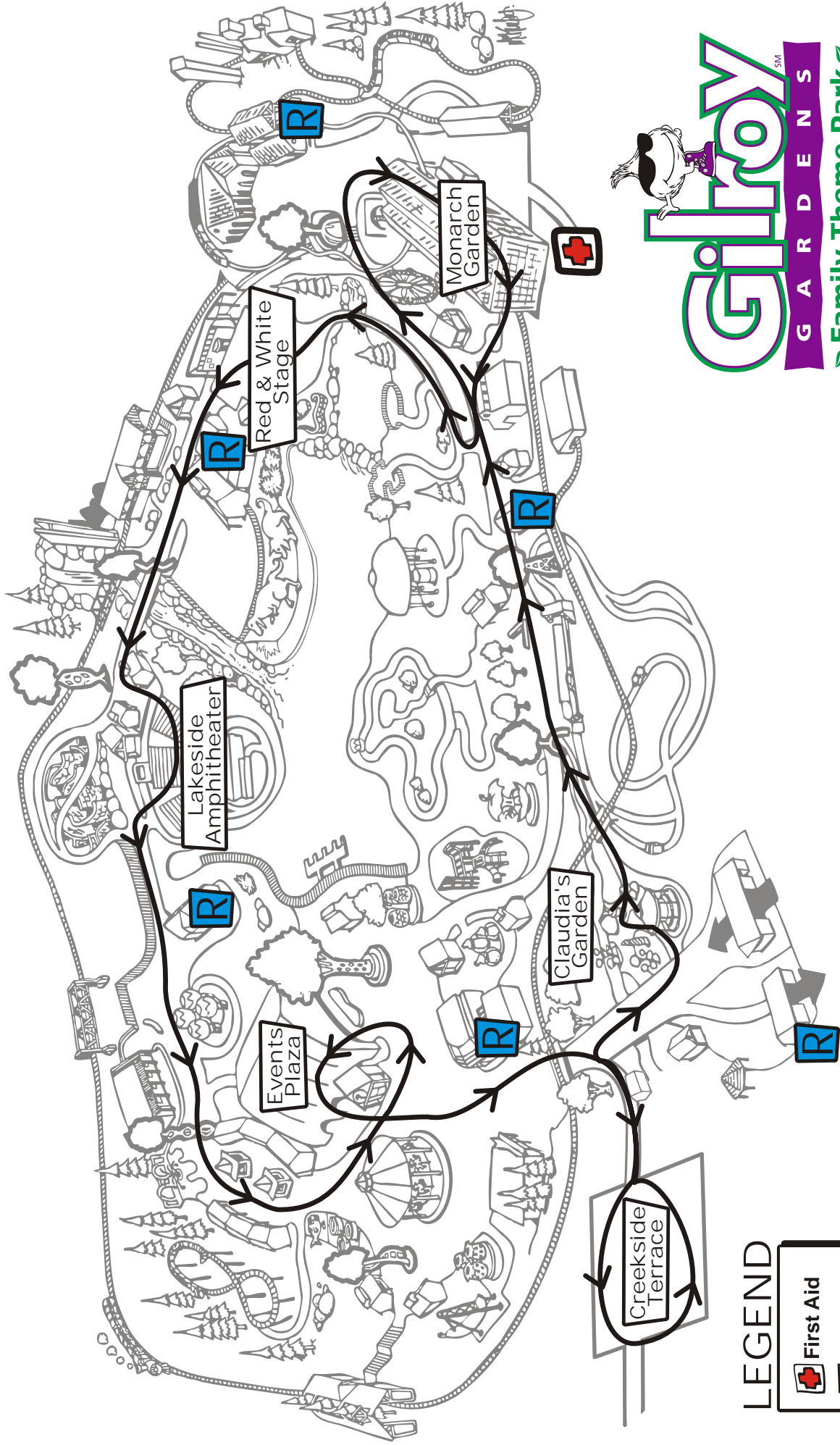
“Students know different plants and animals inhabit different kinds of environments and have external features that help them thrive in different kinds of places.”

Natural Scientist's Journal

What did you learn today? What will you remember?

Draw your favorite activity:

Natural Sciences Day Map



LEGEND

-  First Aid
-  Restroom

