Vocabulary

Natural History:

Naturalist:

Specimen:

Bird Diversity Day 1  (date)

Natural History:

Naturalist:

Specimen:
Natural History:
Natural History:

The study of nature, or the study of the history of nature.
Natural History:

The study of nature, or the study of the history of nature.
Natural History:

The study of nature, or the study of the history of nature.
Natural History:

The study of nature, or the study of the history of nature.
Naturalist:
Naturalist:

Someone who studies nature or natural history.
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Someone who studies nature or natural history.
Specimen:
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A piece of an animal or plant that has been preserved for research.
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Bird Walk Notes

<table>
<thead>
<tr>
<th>Eat?</th>
<th>Live?</th>
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</table>

Bird Diversity Day 1  
(date)

Natural History:

Naturalist:

Specimen:
Bird Diversity Day 2: Beaks

Beaks and Feet Notes

Include:
- drawing of beak shape
- what the beak is best used to eat

(proves 4 and 5)
Strainer

Rob Suisted/naturespic.com
Shredder
Tweezer
Crusher
Probe
Spear/Chisel
<table>
<thead>
<tr>
<th>Beaks (1-6)</th>
<th></th>
<th></th>
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</thead>
<tbody>
<tr>
<td>1</td>
<td>Beak:</td>
<td>Food:</td>
</tr>
<tr>
<td></td>
<td>Reason:</td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>Beak:</td>
<td>Food:</td>
</tr>
<tr>
<td></td>
<td>Reason:</td>
<td></td>
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<td>3</td>
<td>Beak:</td>
<td>Food:</td>
</tr>
<tr>
<td></td>
<td>Reason:</td>
<td></td>
</tr>
<tr>
<td>4</td>
<td>Beak:</td>
<td>Food:</td>
</tr>
<tr>
<td></td>
<td>Reason:</td>
<td></td>
</tr>
</tbody>
</table>
Walker
Clinger
Paddle
Vise-grip

DO NOT try this at home!
Climber
Long-toe
Tile Matching
Notes

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Day 3 Notes

Dimensions of Observation

4 parts of a scientific sketch
1.                      2.
3.                      4.
Dimensions of Observation

- Touch
- Sound
- Sight
- Smell
Dimensions of Observation

Sound:
Do I hear anything familiar?
If I tap it, does it sound hollow? Dense?
Does the sound remind me of something else?
Dimensions of Observation

Touch:

Does it feel rough? Smooth? Soft?

Is it heavy? Light?

Is it cold? Warm?
Dimensions of Observation

Sight:
What color is it?
How big/small is it?
Does it remind me of another shape?
Dimensions of Observation

Smell:
- Does it smell like something else?
- Does it smell at all? (no smell is still an observation!)
- Is it a strong smell?
Scientific Sketch Notes

Dimensions of Observation

- Touch
- Sound
- Sight
- Smell

4 parts of a scientific sketch
1.  
2.  
3.  
4.  

(page 7)
Scientific Sketch Notes

1. Scale bar (cm)
2. Details
3. Color
4. Labels

4 parts of a scientific sketch
1. 2.
3. 4.
Figure 1. Sketch of Specimen

Specimen Sketches

Figure 2. Sketch of Beak

Specimen ID:

Figure 3. Sketch of Feet

(pages 8 and 9)
Hypotheses Notes

What is a hypothesis?

“I think my bird eats __________ because (something you observed or noticed about it).”

“I think my bird lives __________ because (something you observed or noticed about it).”

A hypothesis about what your bird eats:

A hypothesis about where your bird lives:

Your definition of a hypothesis:

My bird is a:
Lives in:
Diet:
It has a _____ beak and _____ feet.

Three new/interesting facts:
1.
2.
3.
Specimen Notes

My bird is a:
Lives in:
Diet:
Beak type:
Feet type:
Three new/interesting facts:

A hypothesis about what your bird eats:
A hypothesis about where your bird lives:

Specimen Identification

My bird is a:
Lives in:
Diet:

It has a _______ beak and ______ feet.

Three new/interesting facts:
1.
2.
3.
Specimen Field Guide

A1: Northern Flicker
A2: Anna’s Hummingbird
C2: Dark-eyed Junco
E3: Violet-green Swallow
F1: Great Blue Heron
I1: Double-crested Cormorant
I2: Cooper’s Hawk
J2: European Starling
J3: Western Grebe
K3: Belted Kingfisher

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Build a Bird Notes

Brainstorming:
What will your bird eat?
What will it look like?
What kind of dangers will it meet?
Does it have a name?
+ More!
There are no wrong answers, just explain your thinking when we share out.

(page 11)
Build a Bird Notes

Sketch #1:
What would a specimen of your bird look like?
Include all parts of a scientific sketch!
What kind of beak does it have? Feet?

Sketch #2:
Draw your bird in its habitat
Include its main diet in the drawing
Can be of your bird in action, you can use this drawing
to show off any special skills/traits!

(page 12)
Build a Bird Notes

Share:
What landscape did you have?
Does your bird have a name?
What does it eat/how does it eat?
Where does it live/how does it live there?
Special skills or non-scientific facts?

Specimen Sketch
of bird

Bird in habitat,
with its main diet

(page 12)