



NATURE JOURNAL

AN ALABAMA OUTDOOR CLASSROOM PROGRAM

KINDERGARTEN

This Teacher's Guide Belongs To:



Junior Wildlife Scientist

Level 1: Biologist

The Study of Living Things

The Alabama Wildlife Federation created the Junior Wildlife Scientist program to:

- ✓ Educate our children about the wise use and conservation of our wildlife and natural resources;
- ✓ Introduce children to the outdoors so they will have an appreciation for Alabama's great natural diversity; and
- ✓ Provide hands-on, inquiry-based outdoor activities that help teach the Alabama Department of Education Course of Study Standards using a schoolyard wildlife habitat as an outdoor classroom.



The **JWS Teacher's Guide** for the Kindergarten JWS nature journal includes background information, educational resources, lesson plans, and activity answers.

To become a **JWS Biologist**, the student must earn the two badges below and take the JWS Pledge on page 3. For each badge, the student must complete at least three of the JWS nature journal activities (total of six activities). **See **REQUIRED** and Suggested activities below.*

① Alabama Wildlife Badge

② Native Plants Badge

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What Does a Biologist Do?



A biologist (bi·ol·o·gist) is a scientist who studies living things including plants and animals and the environments (surroundings) where they live.

Biologists study what living things need to survive, and how their body structures and behaviors help them survive.

Biologists are curious. They explore, investigate, conduct experiments, discover new things, and solve problems.

Biologists help protect endangered and threatened plants and animals in Alabama like these:

Alabama
Red-bellied Turtle



BILL SUMMEROUR

Alabama
Leather Flower



ALAN CRESSLER, LADY BIRD
JOHNSON WILDFLOWER CENTER

Green
Pitcher Plant



FLICKR: NOAH ELHARDT

Red-cockaded
Woodpecker



US FISH & WILDLIFE SERVICE



Did You Know?

People who study biology can become a(n)...

- **Botanist**
(studies plants)
- **Ecologist**
(manages ecosystems)
- **Entomologist**
(researches insects)
- **Forester**
(manages trees & forests)
- **Herpetologist**
(researches reptiles & amphibians)
- **Ornithologist**
(researches birds)
- **Veterinarian**
(takes care of domesticated animals)
- **Zoologist**
(studies wildlife)





Junior Wildlife Scientist Pledge

I want to be a JWS Biologist.

I want to study living things including the plants and animals in our outdoor classroom.

I pledge to follow the JWS rules below.



Follow and listen to my teacher.



Be quiet so we can see wildlife.



Take care of flowers and do not pick them.



Look at animals but do not touch them.



Provide food for wildlife.



Provide water for wildlife.



Provide shelter for wildlife and their young.



Throw away trash and do not litter.

Print Your Name

Date

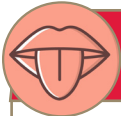
Explore Nature with Your Five Senses



DATE: _____



Visit your sensory garden.
Draw your observations in each box.



I TASTE...

(only taste mint or a vegetable)



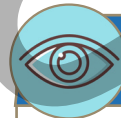
I FEEL...



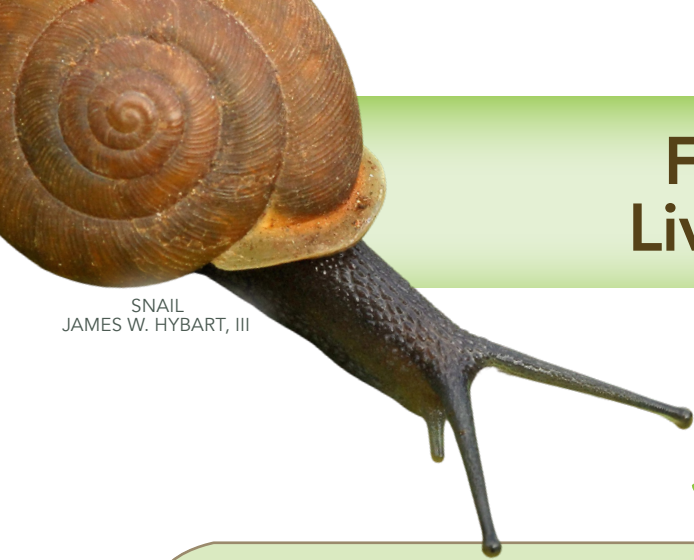
I SMELL...



I HEAR...



I SEE...



SNAIL
JAMES W. HYBART, III

Field Investigation: Living or Non-Living?

DATE: _____



Explore your outdoor classroom.
Look for things that are living.

DRAW ONE LIVING THING.

CIRCLE THE ANSWERS TO THE QUESTIONS TO PROVE THAT IT IS LIVING.



Does it move?
Yes No



Does it grow?
Yes No



Does it change?
Yes No



Does it breathe?
Yes No



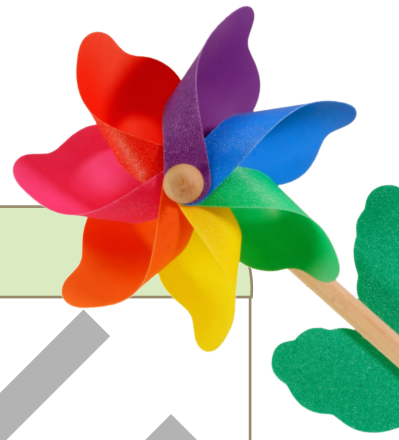
Does it eat?
Yes No



Does it drink?
Yes No

 Explore your outdoor classroom.
Look for things that are not living.

DRAW ONE NON-LIVING THING.



CIRCLE THE ANSWERS TO THE QUESTIONS TO PROVE THAT IS NOT LIVING.



Does it move?
Yes No



Does it grow?
Yes No



Does it change?
Yes No



Does it breathe?
Yes No



Does it eat?
Yes No



Does it drink?
Yes No

CIRCLE YOUR ANSWERS TO THE QUESTIONS BELOW:

Do all living things move, grow and change? Yes No

Do all living things need food, water and air to breathe? Yes No