



Crystal Springs Live!





Thank you for choosing Crystal Springs LIVE!

Crystal Springs Preserve and WaterVentures Florida's Learning Lab are committed to bringing quality environmental education programs to teachers and parents. Our programs are aligned with NGSSS and SNF standards to align with topics taught in classrooms. Each program has been created with the student in mind and conveys important environmental topics in a fun and engaging manner. Additionally, supplemental activities, vocabulary lists, pre/post tests and more are offered to provide an all-encompassing program for students in and out of the classroom.

For those of you unfamiliar with Crystal Springs or WaterVentures, we invite you to explore our websites. (www.crystalspringsfoundation.org and www.waterventures.us). Crystal Springs Preserve is a 530-acre living laboratory that is dedicated to bringing directed learning opportunities to visitors through immersion into the pristine habitat of the preserve. WaterVentures was created to extend this learning throughout the state of Florida. As a high-tech mobile learning lab, WaterVentures brings those same fun and engaging environmental programs to schools free of charge. Both are devoted to inspiring guests to be responsible environmental stewards of Florida's precious natural resources.

We hope you enjoy our virtual programs and please do not forget to check out the offerings of Crystal Springs Preserve and WaterVentures!

Happy learning!

The Wonders of Wood Ducks Pre/Post Test

- 1) Male wood ducks are one of the most recognizable birds in the United States.
 - a. True
 - b. False

- 2) What color eyes and bill do male wood ducks have?
 - a. Orange/red eyes and blue bill.
 - b. Orange/red eyes and green bill.
 - c. Orange/red eyes and orange/red bill with yellow at the base.
 - d. None of the above.

- 3) Female wood ducks have what color marking around their eyes?
 - a. Green
 - b. Blue
 - c. White
 - d. Gray

- 4) Wood ducks thrive in freshwater wetland habitats.
 - a. True
 - b. False

- 5) What do juvenile wood ducks like to eat?
 - a. Invertebrates and small fish.
 - b. Sticks and pebbles.
 - c. Only worms.
 - d. None of the above.

- 6) What is a mature wood duck's diet made up of?
 - a. All worms.
 - b. 80 % aquatic vegetation.
 - c. 100% fish.
 - d. Twigs and flowers.

- 7) What is egg dumping?
- The process of throwing out old eggs from your refrigerator.
 - When female wood ducks pick up eggs in their bill and throw them.
 - When female wood ducks lay their eggs in another duck's nest.
 - None of the above.
- 8) What is a cavity?
- A hole in a person's tooth from decay.
 - A hole in a tree formed by decay.
 - An empty space in an object.
 - All of the above.
- 9) Where do wood ducks prefer to lay their eggs?
- In the cavities of old decaying trees.
 - In a hole in the ground.
 - In a man-made wood duck box.
 - Both a and b.
 - Both a and c.
- 10) What can people do to help wood ducks continue to thrive?
- Build wood duck boxes near water to help them nest.
 - Keep wetland areas open.
 - Let native plants grow along rivers and lakes for ducks to forage in.
 - All the above.



The Wonders of Wood Ducks Pre/Post Test Answer Key

1. A
2. C
3. C
4. A
5. A
6. B
7. C
8. D
9. A
10. D

PRE/POST EXHIBIT DATA SUBMISSION FORM

Date of Program	
School name	
Teacher name	
Number of students taking the Pre-test and Number taking Post-test	
Pre-test average percentage *	
Post-test average percentage *	

*Scoring all tests, adding up all scores, and dividing by the number of students that took the test will obtain an average percentage.

The Wonders of Wood Ducks Vocabulary Words

Watershed - any piece of land that water runs over that reaches a stream, lake or river and then eventually the ocean.

Habitat – a particular place that an animal or plant lives.

Vegetation – plants

Aquatic – relating to water

Foraging – searching with the intent of finding food.

Invertebrate – an animal without a backbone.

Egg dumping – when a female duck lays her eggs in another ducks nest.

Wood Duck box – an artificial nesting box that people can make to help wood ducks thrive.

Tree Cavity – a hole in a tree caused by decay that makes a great area for animals to nest in.

The Wonders of Wood Ducks Standards

SC.K.L.14.3

SC.1.L.17.1

SC.2.L.17.1

SC.3.L.15.1

SC.4.L.17.2

SC.5.L.17.1

The Wonders of Wood Ducks Supplemental Activities- Fill in the blank

Name: _____



The Wonders of Wood Ducks

Find the word(s) to complete the sentence.

Created on TheTeachersCorner.net Fill-in-the-Blank Maker

1. The wood duck is one of the most _____ birds in the United States because of its unique _____.
2. Male wood ducks have reddish orange _____ and _____.
3. Male wood ducks have purplish _____ feathers on the top of their _____ and two white _____ that go up the sides of their cheeks.
4. _____ wood ducks have grayish brown feathers and a _____ ring around their _____.
5. Wood ducks can be found in ponds, _____ marshes, _____ and streams.
6. Wood ducks like to have 50 - 75% _____ coverage for _____ and _____.
7. Tall plants near the water's edge help _____ wood ducks from _____.
8. _____ wood ducks like to eat invertebrates and small fish.
9. A _____ wood duck's diet consists mainly of _____ vegetation.
10. Egg _____ is when a female duck lays her eggs in another duck's nest for that female to raise.
11. Wood ducks like to make their _____ high up in the _____ of a tree that is near the _____ to protect their young from predators.
12. Twenty-four hours after hatching, baby wood ducks will _____ 30-50 feet from their nest into the _____.

cavity predators water eyes Juvenile rivers protect head leap markings stripes
dumping green recognizable plant white nest water. lakes, mature eyes foraging
protection bill aquatic Female

The Wonders of Wood Ducks Supplemental Activities- Fill in the Blank answer sheet

Name: _____



The Wonders of Wood Ducks

Find the word(s) to complete the sentence.

Created on TheTeachersCorner.net Fill-in-the-Blank Maker

1. The wood duck is one of the most recognizable birds in the United States because of its unique markings .
2. Male wood ducks have reddish orange eyes and bill .
3. Male wood ducks have purplish green feathers on the top of their head and two white stripes that go up the sides of their cheeks.
4. Female wood ducks have grayish brown feathers and a white ring around their eyes .
5. Wood ducks can be found in ponds, lakes, marshes, rivers and streams.
6. Wood ducks like to have 50 - 75% plant coverage for protection and foraging .
7. Tall plants near the water's edge help protect wood ducks from predators .
8. Juvenile wood ducks like to eat invertebrates and small fish.
9. A mature wood duck's diet consists mainly of aquatic vegetation.
10. Egg dumping is when a female duck lays her eggs in another duck's nest for that female to raise.
11. Wood ducks like to make their nest high up in the cavity of a tree that is near the water to protect their young from predators.
12. Twenty-four hours after hatching, baby wood ducks will leap 30-50 feet from their nest into the water.

cavity predators water eyes Juvenile rivers protect head leap markings stripes
dumping green recognizable plant white nest water. lakes, mature eyes foraging
protection bill aquatic Female



The Wonders of Wood Ducks Discussion Questions

- 1) Why do you think female wood ducks egg dump? Do you know of any other species of animals that would lay their eggs for another animal to raise? Or leave their live birth for only animals to raise? If so, why do you think that is?
- 2) Male wood ducks are very recognizable because of their greenish purple feathers on their head and orange/red eyes and bill. Why do you think the males have these markings and the females are a duller color with only white around their eyes. Think of other animal species that have a very prominent male and subdued colored female and discuss why you think that is.



Supplemental Websites/Videos

Washing Nature Mapping Program, 2020

'Nature Mapping Animal Facts for Kids'

http://naturemappingfoundation.org/natmap/facts/wood_duck_k6.html

Ducks Unlimited, 2020

'Build a Wood Duck Box'

<https://www.ducks.org/conservation/waterfowl-research-science/build-a-wood-duck-box>

National Geographic, 2020

'Animal Mothers: Wood Duck Paratroopers'

<https://video.nationalgeographic.com/video/00000144-0a1e-d3cb-a96c-7b1f76190000>

BioKids, 2020

'Wood Duck'

http://www.biokids.umich.edu/critters/Aix_sponsa/