



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!

Bold, Brave, Bald Eagles Pre/Post Test

- 1) 40 years ago, the Bald Eagle was in danger of extinction.
 - a. True
 - b. False

- 2) Bald eagles typically live near rivers and lakes.
 - a. True
 - b. False

- 3) How many eggs are typically in an eagle's clutch?
 - a. 5-8
 - b. 1-3
 - c. 10-15
 - d. None of the above

- 4) Eggs will hatch in the order they were laid.
 - a. True
 - b. False

- 5) Adult bald eagles will feed their babies by shredding pieces of meat from their prey.
 - a. True
 - b. False

- 6) Juvenile bald eagles will get their white head when they are between _____.
 - a. 1-2 years old
 - b. 4-5 years old
 - c. 6-8 years old
 - d. 10-12 years old

- 7) Juvenile bald eagles typically leave the nest when they are _____.
 - a. 1 month old
 - b. 3 months old
 - c. 5 months old
 - d. 1 year

- 8) How many feathers does an eagle have?
- a. 1000
 - b. 3000
 - c. 5000
 - d. 7000
- 9) You need a permit to keep an eagle feather if you find one.
- a. True
 - b. False
- 10) Bald eagles are protected by the Bald and Golden Eagle Protection Act.
- a. True
 - b. false

Bold, Brave, Bald Eagles Pre/Post Test Answer Key

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

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.

Bold, Brave, Bald Eagles Vocabulary Words

Carnivore- an animal that feeds on another animal

Diurnal- being active during the day

Bald Eagle- a large raptor with a white head and the national emblem of the United States

Feathers- flat appendages that grow from a birds skin that form its plumage

Fledge- when a juvenile bird gets its flight feathers and tries to fly for the first time

Incubation- the act of an adult bird sitting on an egg waiting for it to hatch

Keratin- protein that makes up talons, claws, feathers, and finger nails

Predator- an animal that hunts other animals for food

Protected- to keep from getting harmed

Raptor- a bird of prey

Talons- the claw on a bird of prey that it uses for grabbing its prey



Bold, Brave, Bald Eagles Standards

SC.3.L.15.1

SC.4.L.16.3

SC.5.L.17.1

Bold, Brave, Bald Eagles Supplemental Activities- Word Search

Name: _____
Created with TheTeachersCorner.net Word Search Maker

Bold, Brave, Bald Eagles



Find and circle all the words.

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

- | | | |
|------------|-----------|-----------|
| BALD EAGLE | RAPTOR | TALONS |
| FEATHERS | DIURNAL | CARNIVORE |
| PREDATOR | INCUBATE | KERATIN |
| FLEDGE | PROTECTED | |



Bold, Brave, Bald Eagles Supplemental Activities- Word Search Answer Sheet

Name: _____

Created with TheTeachersCorner.net Word Search Maker

Bold, Brave, Bald Eagles



Find and circle all the words.

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

BALD EAGLE
FEATHERS
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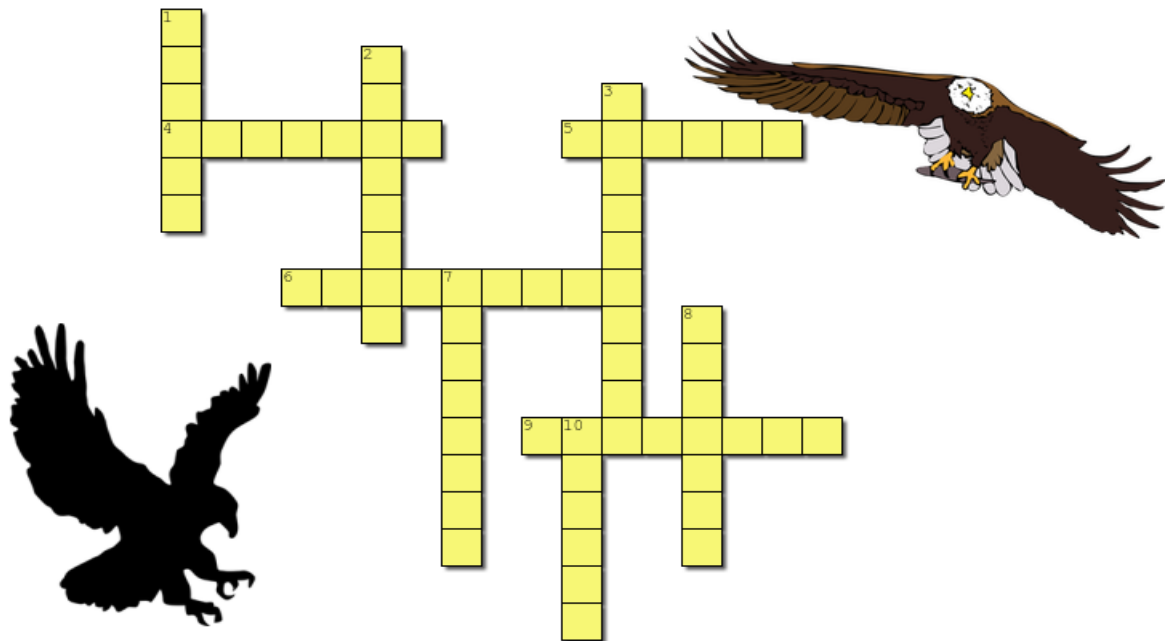


Bold, Brave, Bald Eagles Supplemental Activities- Cross Word

Name: _____

Bold, Brave, Bald Eagles

Complete the crossword puzzle below.



Created using the Crossword Maker on TheTeachersCorner.net

diurnal keratin raptor incubate talons carnivore fledge predator bald eagle feathers

Across

4. A word that means 'during the day'.
5. The claw of a bird of prey has these for grabbing prey.
6. An animal that only eats meat.
9. An animal that hunts other animals for food.

Down

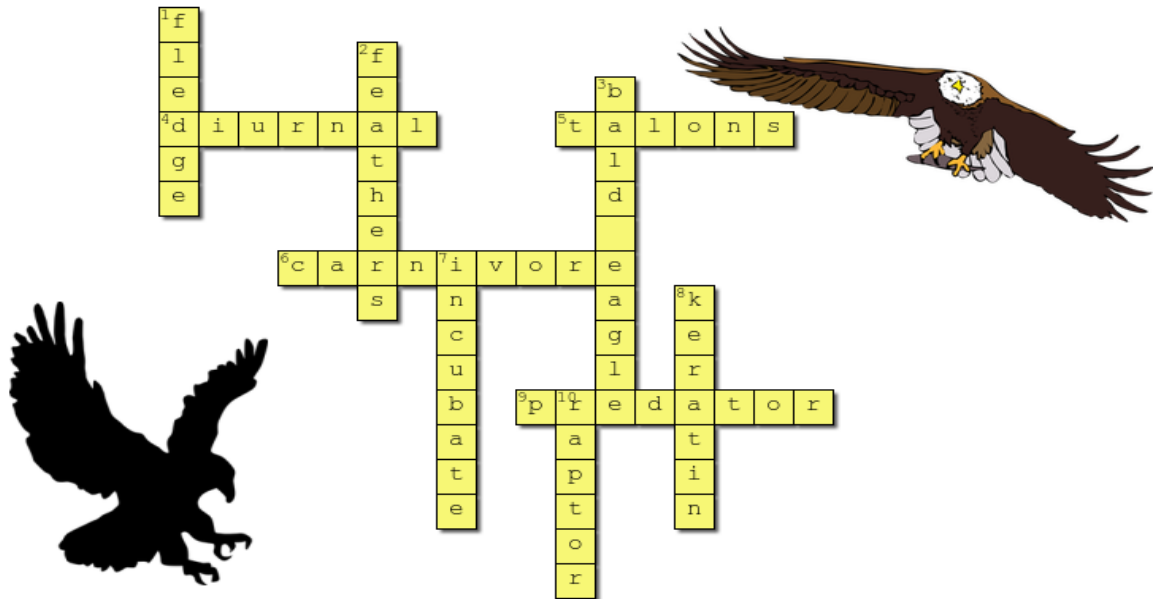
1. When a juvenile bird gets its flight feathers and tries to fly.
2. The flat appendages that cover a birds skin.
3. A large raptor with a white head and the national emblem of the United States.
7. The act of a bird sitting on an egg to help it hatch.
8. A fibrous protein that makes up feathers and claws.
10. A bird of prey.

Bold, Brave, Bald Eagles Supplemental Activities- Cross Word Answer Sheet

Name: _____

Bold, Brave, Bald Eagles

Complete the crossword puzzle below.



Created using the Crossword Maker on TheTeachersCorner.net

diurnal keratin raptor incubate talons carnivore fledge predator bald eagle feathers

Across

4. A word that means 'during the day'. (**diurnal**)
5. The claw of a bird of prey has these for grabbing prey. (**talons**)
6. An animal that only eats meat. (**carnivore**)
9. An animal that hunts other animals for food. (**predator**)

Down

1. When a juvenile bird gets its flight feathers and tries to fly. (**fledge**)
2. The flat appendages that cover a birds skin. (**feathers**)
3. A large raptor with a white head and the national emblem of the **United States**. (**bald eagle**)
7. The act of a bird sitting on an egg to help it hatch. (**incubate**)
8. A fibrous protein that makes up feathers and claws. (**keratin**)
10. A bird of prey. (**raptor**)

Bold, Brave, Bald Eagles Discussion Questions

- 1) What about a bald eagle makes it a good choice for the National symbol of the USA?
- 2) What threats face the bald eagle? Why is it important that we continue to conserve and protect the bald eagle?



Bold, Brave, Bald Eagles Supplemental Websites/Videos

Dick Pritchett Real Estate, 2020

"Southwest Florida Eagle Cam"

<https://www.swfleaglecam.com/>

National Geographic Kids, 2020

"Bald Eagle"

<https://kids.nationalgeographic.com/animals/birds/bald-eagle/>

Hope Rutledge, 2020

"American Bald Eagle, US National Emblem"

<https://www.baldeagleinfo.com/eagle/eagle9.html>

American Eagle Foundation, 2020

"Coloring Activity Packet"

<https://www.eagles.org/wp-content/uploads/2020/04/AEFActivityPacketColoring2.pdf>

Journey North, 2019

"The History of Bald Eagles"

<https://journeynorth.org/tm/eagle/History.html>