



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!

Love Those Land Turtles Pre/Post Test

- 1) What is an Herbivore?
 - a. A critter that eats only other animals
 - b. A critter that eats only plants
 - c. A critter that eats both plants and animals
 - d. None of the above

- 2) What is an omnivore?
 - a. A critter that eats both plants and animals
 - b. A critter that eats only other animals
 - c. A critter that eats only plants
 - d. None of the above

- 3) A gopher tortoise spends _____ percent of its time in its burrow
 - a. 100
 - b. 5
 - c. 80
 - d. 25

- 4) A Florida box turtle is an _____
 - a. Herbivore
 - b. Carnivore
 - c. Omnivore
 - d. None of the above

- 5) The plastron is flat on female turtles
 - a. True
 - b. False

- 6) Gopher tortoises have scales on their arms and legs.
 - a. True
 - b. False

- 7) Box turtles are endemic to Florida
 - a. True
 - b. False

- 8) Box turtles have a hinge on their plastron that allow them to close up tight like a box
 - a. True
 - b. False

- 9) A gopher tortoise is a keystone species
- a. True
 - b. False
- 10) It has been reported that up to _____ different animals use the gopher tortoise's burrow for survival
- a. 1000
 - b. 850
 - c. 400
 - d. 250



Love Those Land Turtles Pre/Post Test Answer Key

- 1. B
- 2. A
- 3. C
- 4. C
- 5. A
- 6. A
- 7. A
- 8. A
- 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.

Love Those Land Turtles Vocabulary Words

Burrow- a hole that is dug by the gopher tortoise that it uses as its main habitat. It spends approximately 80% of its time in the burrow.

Claws- sharp nails on the end of a turtle's foot that are used for digging, scratching, and protection.

Carapace- the back of a turtle's shell

Endemic- found in a certain area or native to a certain area.

Florida Box Turtle- a type of land turtle that is native to Florida. They are able to close up tight like a box for protection.

Gopher tortoise- a large land-dwelling turtle

Herbivore- an animal that eats only plants

Keystone Species - A species that has an extremely high impact on a particular ecosystem relative to its population

Omnivore- an animal that eats both meat and plants

Permit- piece of paper from Florida Fish and Wildlife that allows for the possession of a protected animal.

Plastron- the belly of a turtle

Scute- A bony external plate or scale overlaid with horn, as on the shell of a turtle, the skin of crocodilians, and the feet of birds.

Threatened- the conservation status of an animal

Love Those Land Turtles Standards

SK.L.14.3
SC.1.E.6.1
SC.1.E.6.2
SC.1.L.14.1
SC.1.L.17.1
SC.2.N.1.1
SC.2.L.17.1
SC.2.L.17.2
SC.3.N.1.1
SC.3.L.15.1
SC.3.L.17.1
SC.4.E.6.3
SC.4.E.6.6
SC.4.L.16.3
SC.4.L.17.4
SC.5.L.17.1
SC.5.L.14

Love Those Land Turtles Supplemental Activities- Word Search

NAME: _____
Created with TheTeachersCorner.net Word Search Maker

LOVE THOSE LAND TURTLES



CIRCLE ALL THE WORDS

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

HERBIVORE
FLORIDA BOX TURTLE
ENDEMIC
CLAS

OMNIVORE
CARAPACE
BURROW

GOPHER TORTOISE
PLASTRON
PERMIT



Love Those Land Turtles Supplemental Activities- Word Search Answer Sheet

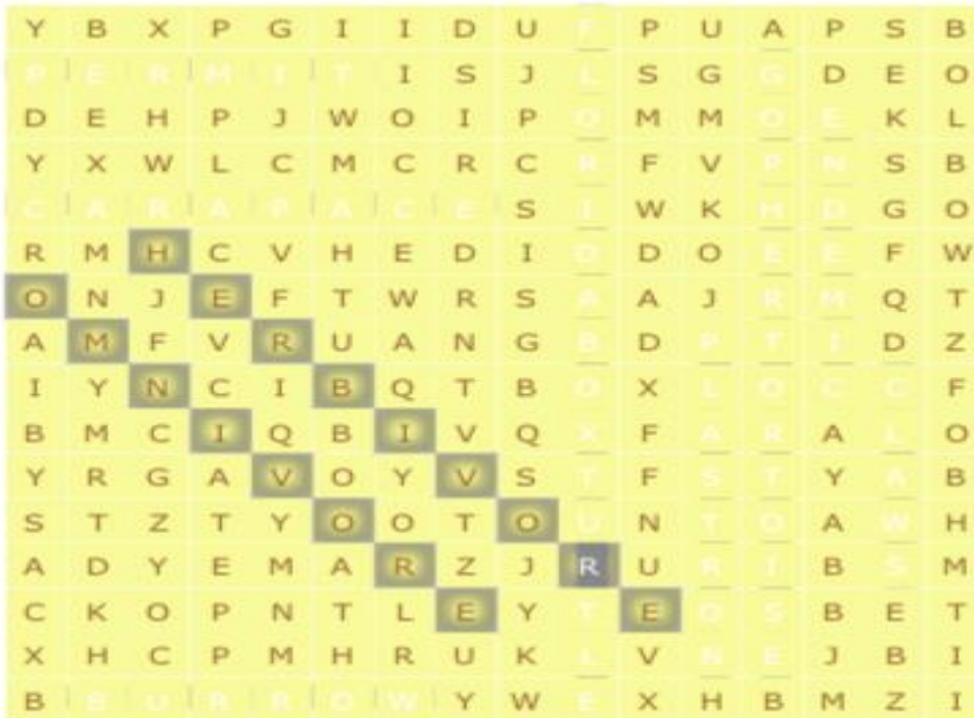
NAME: _____

Created with TheTeachersCorner.net Word Search Maker

LOVE THOSE LAND TURTLES



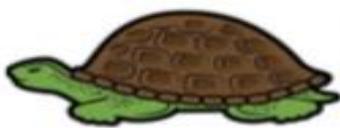
CIRCLE ALL THE WORDS.



HERBIVORE
FLORIDA BOX TURTLE
ENDEMIC
CLAI

OMNIVORE
CARAPACE
BURROW

GOPHER TORTOISE
PLASTRON
PERMIT



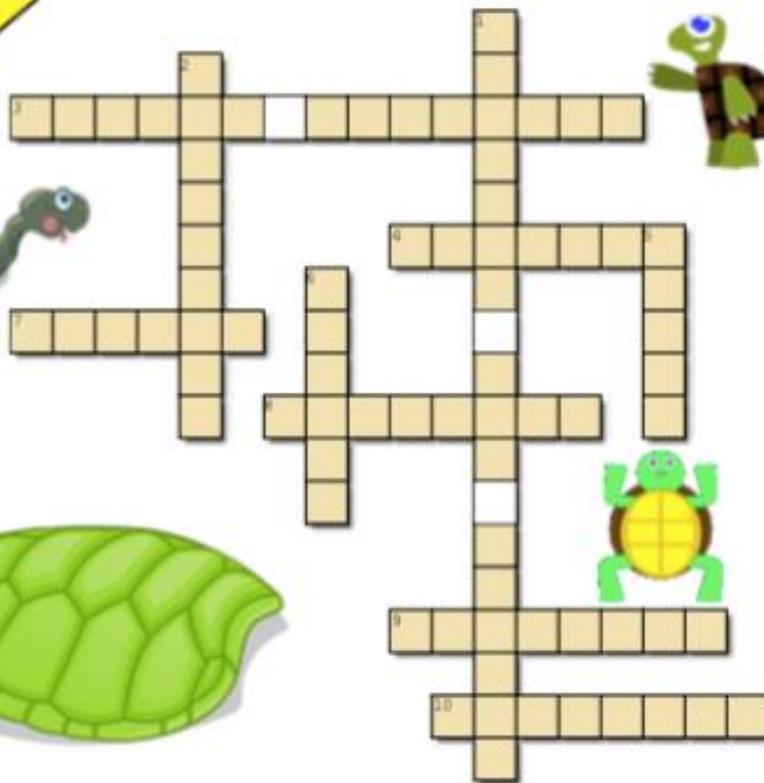
Love Those Land Turtles Supplemental Activities- Cross Word

Name: _____

Love Those Land Turtles



Complete the puzzle.



Created using the Crossword Maker on TheTeachersCorner.net

Florida box turtle plastron gopher tortoise permit endemic claws carapace burrow herbivore omnivore

Across

- 3. A large land dwelling turtle that is a herbivore.
- 4. An animal that is native and restricted to living in a certain place.
- 7. A tunnel dug by a gopher tortoise to be used for its home.
- 8. An animal that eats plants and meat.
- 9. The upper top part of a turtles shell.
- 10. The lower part of a turtle's shell.

Down

- 1. A small land dwelling turtle endemic to Florida and south Georgia.
- 2. An animal that only eats plants.
- 5. The long nails turtles have to help them dig burrows or caves.
- 6. A piece of paper needed to keep a protected turtle as a pet.

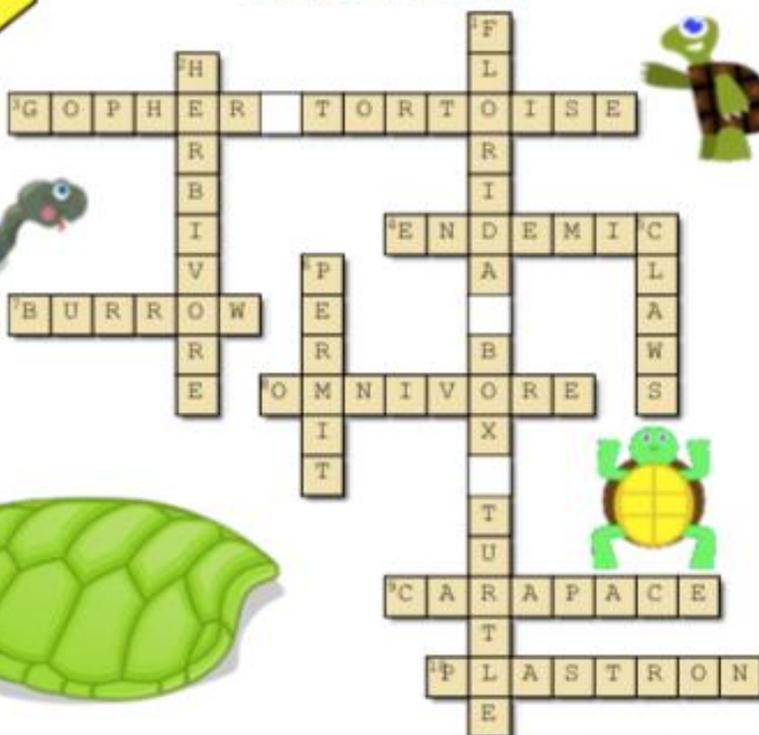
Love Those Land Turtles Supplemental Activities- Word Search Answer Sheet

Name: _____

Love Those Land Turtles



Complete the puzzle.



Created using the Crossword Maker on TheTeachersCorner.net

Florida box turtle plastron gopher tortoise permit endemic claws carapace burrow herbivore omnivore

Across

3. A large land dwelling turtle that is a herbivore. (**gopher tortoise**)
4. An animal that is native and restricted to living in a certain place. (**endemic**)
7. A tunnel dug by a gopher tortoise to be used for its home. (**burrow**)
8. An animal that eats plants and meat. (**omnivore**)
9. The upper top part of a turtles shell. (**carapace**)
10. The lower part of a turtle's shell. (**plastron**)

Down

1. A small land dwelling turtle endemic to Florida and south Georgia. (**florida box turtle**)
2. An animal that only eats plants. (**herbivore**)
5. The long nails turtles have to help them dig burrows or caves. (**claws**)
6. A piece of paper needed to keep a protected turtle as a pet. (**permit**)

Love Those Land Turtles Supplemental Websites/Videos

National Geographic, 2020

“Gopher Tortoise”

<https://www.nationalgeographic.com/animals/reptiles/g/gopher-tortoise/>

U.S. Fish and Wildlife Service, 2019

“Gopher Tortoise”

https://www.fws.gov/northflorida/GopherTortoise/Gopher_Tortoise_Fact_Sheet.html

BioKids, 2020

“Florida Box Turtle”

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

Ryan, S.J & Cook, S.G., 1998

Copyright 1998 by Florida State University

“Gopher Tracks”

<https://myfwc.com/media/1817/gt-gophertracks.pdf>

Srodes, Z., 2009

“The Gopher Tortoise”

<https://myfwc.com/media/1816/gt-gophertortoise-srodes.pdf>

Nature on PBS, 2020

“How the Gopher Tortoise Saves Hundreds of Animals from Wildfire”

<https://www.youtube.com/watch?v=LE72forETq0>

StPeteParksRec, 2020

“#BoydHill Creature Feature Florida Box Turtle”

<https://www.youtube.com/watch?v=HPjWiasUEwU>