



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!

Wondrous World of Reptiles Pre/Post Test

- 1) What are the 3 characteristics of a reptile?
 - a. Cold-blooded, most lay eggs outside of their body, dry scaly skin
 - b. Warm-blooded, most lay eggs, dry scaly skin
 - c. Have fur, warm- blooded, lay eggs
 - d. None of the above

- 2) What are the 4 types of reptiles in Florida?
 - a. Frogs, lizards, snakes, turtles
 - b. Turtles, alligators, lizards, snakes
 - c. Alligators, frogs, snakes, birds
 - d. None of the above

- 3) A turtle is attached to its shell.
 - a. True
 - b. False

- 4) What is countershading used for?
 - a. To provide shade
 - b. To blend in
 - c. To help a reptile climb
 - d. All of the above

- 5) What is the main difference between venomous snakes and non-venomous snakes?
 - a. There is no difference
 - b. One eats meat and the other does not
 - c. Venomous snakes have an extra set of fangs that produce venom
 - d. None of the above

- 6) Does the coral snake have a neurotoxin or a hemotoxin?
 - a. Neurotoxin
 - b. Hemotoxin

- 7) The venomous coral snake has colors- red, black, and yellow just like the native non-venomous scarlet snake and native scarlet king snake. What color does red have to touch to be the venomous coral snake?
- Yellow
 - Black
 - Pink
 - Brown
- 8) Why do snakes stick their tongues out?
- To smell
 - To see
 - To hear
 - All of the above
- 9) What do people do that can make an alligator lose its fear of humans?
- Take pictures of it
 - Keep their distance
 - Feed it
 - None of the above
- 10) What is a keystone species?
- An animal that does something no other animal can do to help other animals survive
 - An animal that looks like a key
 - An animal that is at the bottom of the ecosystem pyramid
 - None of the above



Wondrous World of Reptiles Pre/Post Test Answer Key

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

Wondrous World of Reptiles Vocabulary Words

Acclimate- becoming accustomed to the weather.

Camouflage- a specific coloring of an animal that helps it blend in with its environment.

Carapace- the top part of a turtles' shell.

Cold blooded- a reptiles' body temperature that varies with the temperature of their outside environment.

Countershading- a type of coloring that protects an animal with a dark color on top and light color on the bottom.

Exotic- not from this area or state, originating from another state or country.

FWC- Florida Fish and Wildlife Commission.

Keystone species- a species that does something unique that no other animal does that results in helping other animals survive.

Native- belonging to the state or country; expected to be found here.

Plastron- the underside of a turtles' shell.

Reptile- an animal that has scaly skin, lays eggs, and is cold blooded.

Scaly skin- the type of skin a reptile has that is made up of scales.

Venomous- capable of injecting venom through fangs.



Wondrous World of Reptiles 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

Wondrous World of Reptiles Supplemental Activities- Word Search

Name: _____

Created with TheTeachersCorner.net Word Search Maker



Wondrous World of Reptiles



Find the word and circle it.

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

ALLIGATOR

CORAL SNAKE

PYGMY RATTLE SNAKE

COLD BLOODED

SCALY SKIN

LIZARD

BANDED WATER SNAKE

SCARLET KING SNAKE

REPTILE

CHICKEN TURTLE

WATER MOCCASIN

SCARLET SNAKE

EGGS

Wondrous World of Reptiles Supplemental Activities- Word Search Answer Sheet

Name: _____

Created with TheTeachersCorner.net Word Search Maker



Wondrous World of Reptiles



Find the word and circle it.

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

ALLIGATOR

CORAL SNAKE

PYGMY RATTLE SNAKE

COLD BLOODED

SCALY SKIN

LIZARD

BANDED WATER SNAKE

SCARLET KING SNAKE

REPTILE

CHICKEN TURTLE

WATER MOCCASIN

SCARLET SNAKE

EGGS

Wondrous World of Reptiles Supplemental Activities- Complete the Sentence



Wondrous World of Reptiles

Use the words in the list below to complete the sentence

Name: _____

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

1. An animal that has a _____ color on its back and a _____ color on its belly is displaying a type of _____.
2. A species that does something that no other animal does and helps other animals survive is called a _____ species.
3. Venomous means that an animal is capable of _____ into its prey.
4. A reptile is an animal that has _____ skin, lays _____ and is _____ blooded.
5. The _____ is the top part of a turtles shell.
6. The alligator digs _____ holes and is a keystone species.
7. The four types of reptiles in Florida are: _____ and _____.
8. A turtles' _____ and _____ are connected to its shell.
9. Baby alligators are born with a _____ pattern for _____.
10. A snake that produces young by having its eggs hatch within its body is called _____.

dark turtles light gator venom spine injecting ovoviviparous ribs shading
counter snakes scaly eggs carapace camouflage lizards alligators cold
keystone stripe

Wondrous World of Reptiles Supplemental Activities- Complete the Sentence Answer Sheet



Wondrous World of Reptiles

Use the words in the list below to complete the sentence

Name: _____

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

1. An animal that has a dark color on its back and a light color on its belly is displaying a type of counter shading.
2. A species that does something that no other animal does and helps other animals survive is called a keystone species.
3. Venomous means that an animal is capable of injecting venom into its prey.
4. A reptile is an animal that has scaly skin, lays eggs, and is cold blooded.
5. The carapace is the top part of a turtles shell.
6. The alligator digs gator holes and is a keystone species.
7. The four types of reptiles in Florida are: lizards, alligators, snakes, and turtles.
8. A turtles' spine and ribs are connected to its shell.
9. Baby alligators are born with a stripe pattern for camouflage.
10. A snake that produces young by having its eggs hatch within its body is called ovoviparous.

dark turtles light gator venom spine injecting ovoviparous ribs shading
counter snakes scaly eggs carapace camouflage lizards alligators cold
keystone stripe



Wondrous World of Reptiles Discussion Questions

- 1) A keystone species is described as a type of species that others in an ecosystem depend on to survive. The alligator is a keystone species in Florida because it makes gator holes. Research another keystone species and compare the two. List how many species would be affected without the selected keystone species. Share your results.
- 2) Florida has a very humid, subtropical climate making it easy for animals to survive. That has resulted in a lot of exotic, invasive reptiles being released into the environment such as pythons, anacondas, monitor lizards, and tegus. Pick an exotic, invasive reptile that has been released in Florida and discuss the impact it has had on the Florida habitat (other animals, plants etc.).



Wondrous World of Reptiles Supplemental Websites/Videos

National Geographic, 2020

"Reptile Pictures and Facts"

<https://www.nationalgeographic.com/animals/reptiles/>

Ducksters, 2020

"Reptiles"

<https://www.ducksters.com/animals/reptiles.php>

Happy Learning English, 2015

"Reptiles Educational Video for Kids"

<https://www.youtube.com/watch?v=DefLKnKyQfA&t=159s>

National Geographic Kids, 2018

"Cool Facts About Alligators and Crocodiles, Things you Wanna know"

<https://www.youtube.com/watch?v=0wRdFr1t7il>

National Geographic Kids, 2016

"Silly Snake feat. Parry Gripp"

https://www.youtube.com/watch?v=OEZ_NPz1_gA&list=PLQInTIdJs0ZRJTcc8QdpZmvG7vPe0GBHp