

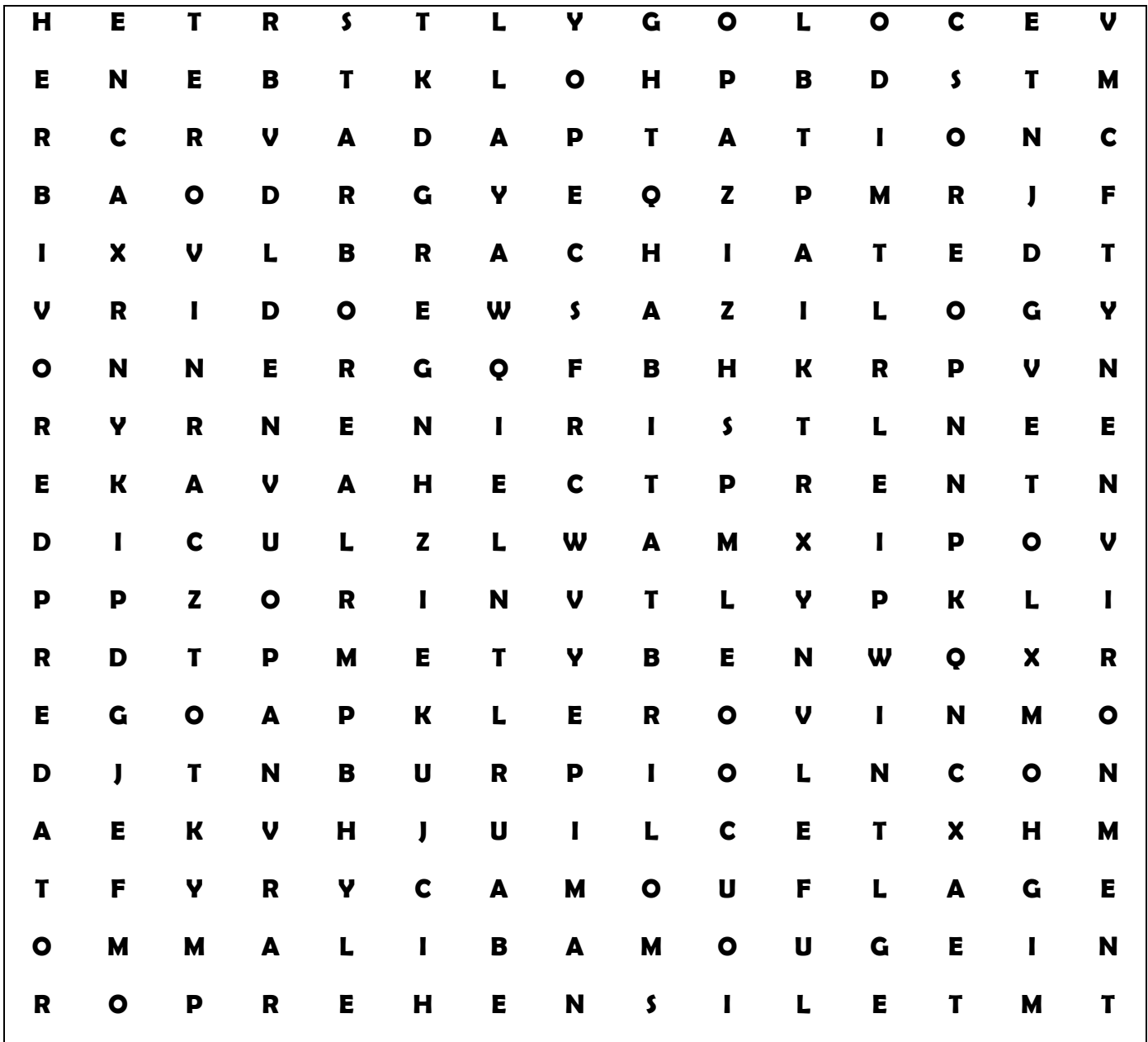
# Secrets of Survival



- Look up definitions for the following vocabulary words.

adaptation	climate	herbivore
arboreal	ecological niche	omnivore
brachiated	ecology	predator
camouflage	environment	prey
carnivore	habitat	prehensile

- Look for the vocabulary words in the word search. Up, down, diagonal, and backwards.



# Secrets of Survival



One animal in our Education Animal Collection is Barbee, a Prehensile Tailed Porcupine. She is from South America and is a very good climber. Her tail is very strong and assists in skilled tree climbing. She is also nocturnal, which means she sleeps during the day and is awake at night. The belief that porcupines can ‘shoot their quills’ as a defense mechanism is a misunderstanding. Porcupines cannot ‘shoot’ quills, but can release the quill once it has come into contact with another animal or predator. The quill will pierce the flesh and stick into the body causing the predator to retreat.

- **Can you name three other animals that have prehensile body parts?**

Hint: Think of animals that use specific body parts as another ‘hand’.

## ANIMAL

## PREHENSILE BODY PART

- 1.
- 2.
- 3.

- **Can you name three other animals that are nocturnal?**
- **What is an advantage of being nocturnal?**

## ANIMAL

## ADVANTAGE OF BEING NOCTURNAL

- 1.
- 2.
- 3.

- **Can you give examples of defense mechanisms for three animals?**

## ANIMAL

## DEFENSE MECHANISM

- 1.
- 2.
- 3.

- **What two special features does a Leopard Gecko have that other geckos do not? Why?**

- 1.
- 2.



## Secrets of Survival Answer Key

### Vocabulary Word Search

H							Y	G	O	L	O	C	E	
E		E												
R	C	R		A	D	A	P	T	A	T	I	O	N	
B		O		R										
I		V	L	B	R	A	C	H	I	A	T	E	D	
V		I		O				A						
O		N		R	G			B						
R		R		E		I		I						E
E		A		A			C	T						N
		C		L		L		A						V
P					I			T	L	Y				I
R				M					E	N				R
E			A				E	R	O	V	I	N	M	O
D		T					P					C		N
A	E												H	M
T					C	A	M	O	U	F	L	A	G	E
O														N
R		P	R	E	H	E	N	S	I	L	E			T

## Secrets of Survival Answer Key continued

Possible answers for prehensile animals.

Giraffe - tongue  
Monkey - tail  
Elephant - trunk  
Opossum - tail

Orangutan - lips  
Horse - lips  
Rhino - lips  
Chameleon - tail

Possible answers for advantages of being nocturnal:

- Safety from predators
- Temperature is not too hot or cold - temperate
- Food is available and abundant
- Competition for food - competition is sleeping

Possible answers for nocturnal animals.

Aye-aye  
Badger  
Bat  
Bat-eared Fox  
 Binturong  
Bushbaby  
Bush Rat  
Cat  
Catfish  
Cockroach  
Cricket  
Eastern Woolly Lemur

Firefly  
Flying Squirrel  
Gerbil  
Great Grey Slug  
Hamster  
Hedgehog  
Kangaroo  
Hermit Crab  
Jaguar  
Kangaroo Rat  
Koala  
Two-toed Sloth

Kit Fox  
Kiwi  
Mink  
Mole  
Mouse  
Nine-banded Armadillo  
Owl  
Opossum  
Mouse  
Possum  
Porcupine  
Raccoon

Ratel (Honey Badger)  
Red-eyed Tree Frog  
Scorpion  
Sugar Glider  
Skunk  
Slow Loris  
Spectacled Bear  
Tarantula  
Western Woolly Lemur  
Wolf  
Wombat

Answers for Defense Mechanisms is up to teacher's discretion.

Answers for Leopard Gecko

Special Features:

Eyelids to protect from sandstorms. Other geckos do not need eyelids because of habitat.

Claws instead of sticky digits. Sand can get stuck to the sticky digits. Claws allow for gecko to dig into sand.

