

WHAT IS WILD AND WHAT IS NOT

Unit One is designed to help students differentiate between wild animals and domestic animals. They should be encouraged to compare the survival skills needed by wild animals in nature with those needed by domestic animals in the care of humans. They should also discover the importance of animals to humans.

Wild animals do not live in captivity, or *depend* upon humans for food, water, shelter, space, or any other needs to survive.

Domestic animals are animals that are *tamed, kept, and bred in captivity* by humans. All domestic animals are related to and come from wild animal *ancestry*. Throughout *human* history, people domesticated animals to serve their needs for food and fiber, for work, for companionship, and for entertainment.

Differences between wild animals and domestic animals are not always clearly distinguishable. Many animals that are *usually* considered to be wild animals are sometimes kept in captivity by humans as pets and in zoos, circuses, and aquariums. Some are also *raised* for food and fiber.

Wild animals must have many skills to compete and survive in the wild. They must always be on the watch for animals that hunt them. They must be strong and fast if they are to defend themselves from enemies. They must use their senses of smell, hearing, sight, and touch to find food, water, and shelter and to alert them to danger. Domestic animals do not need all of these skills to survive because humans provide them with their needs and protect them from danger.

Because wild animals are wild and can carry diseases, people especially children should **NOT** get close to them or try to feed them by hand. A wild animal that will allow a person to get close is usually not healthy and could be dangerous.

Use the **DISCOVER WILD** reference set to stimulate student understanding of the differences between and the importance of wild animals and domestic animals. Five of the animals in the reference set are usually considered to be wild animals but have also been domesticated by humans. They are: Mink, Elk, Raccoon, Deer, and Nutria.

CLASSROOM DISCUSSION

- Wild animals and domestic animals lead different lives.
- Wild animals must be able to find their own food, water, shelter, space, and other needs (protection from the elements and predators and reproduction) to survive.
- Domestic animals are tamed, kept, and bred in captivity by humans.
- All survival needs of food, water, shelter, space, protection, reproduction, and veterinary care for domestic animals are met by humans.
- People have domesticated animals throughout history to serve their needs.
- All domestic animals originally came from wild animal ancestry.
- Some animal types can be both wild animals and domestic animals. Examples are Mink, Elk, Deer, Raccoons, and Nutria.
- The difference between wild animals and domestic animals is not always clear. Some animals live naturally in the wild but are also kept in captivity by humans in zoos, circuses, and aquariums; as pets; and are raised for food and fiber.
- Wild animals need many more skills to survive than domestic animals, because humans meet all the needs for domestic animals.

* CAUTION THE STUDENTS ABOUT GETTING TOO CLOSE TO WILD ANIMALS.



UNIT ONE

VOCABULARY WORDS

WILD	DOMESTIC	DEPEND	RAISED
TAMED	SHELTER	SURVIVE	BRED
CAPTIVITY	ANIMAL	PET	KEPT
WILDLIFE	HUMAN	SPACE	CLOTHING
ANCESTRY	VETERINARIAN	SKILLS	

CURRICULUM COVERED

Subjects: Science, Language Arts, Social Studies

Concepts: Cause and Effect, Interaction, Invariance

Process: Classify, Infer

WHAT IS WILD AND WHAT IS NOT

Wild animals do not live in captivity or depend on humans for food, water, shelter, space, or any other needs to survive. Wild animals must survive on their own.

Domestic animals are animals that are tamed, kept, and bred in captivity by humans for food, fiber, work, companionship, and entertainment. People care for domestic animals and meet all their needs for survival.

All domestic animals originally came from wild animals.

Lynx and Bobcats are wild cats that must survive by themselves. Many people keep domestic cats as pets and take care of all their survival needs.



Answer the following questions about wild animals and domestic animals:

1. What is the difference between a wild animal and a domestic animal?

2. Where do wild animals find food, water, shelter, space, and other needs to survive?

3. Where does a domestic animal find all of the things it needs to survive?

4. Would a Lynx or a Bobcat make a good pet?

5. Do you think a pet cat could survive very well in the wild? Explain why or why not.



CHALLENGE 1-1

6. Do you think that a wild Lynx eats the same food as a domestic house cat? What do each of them eat?

7. How do wild animals find food, water, shelter, and space if people do not give it to them? Where do they find the things they need to survive?

8. Does a wild Bobcat spend more or less time each day looking for food, water, and shelter than a domestic house cat? Explain why or why not.

9. If your domestic cat gets sick, you take it to an animal doctor called a veterinarian. If a Lynx gets sick in the wild, what would likely happen to it?

10. What would you rather be, a wild Bobcat or a domestic house cat? Explain why.

11. Make a list of the skills that a wild animal needs to survive.

12. Does a wild animal need more skills to survive than a domestic animal? Explain.

IS IT A WILD ANIMAL OR A DOMESTIC ANIMAL?

A wild animal does not live in captivity or depend upon humans for food, water, shelter, space or any of its other needs to survive.

Domestic animals are animals that are tamed, kept, and bred in captivity by humans.

All domestic animals are related to wild animals.



1. How are wild animals and domestic animals different?

2. List 10 animals that are wild animals.

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3. List 10 animals that are domestic animals.

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<hr/>	<hr/>
<hr/>	<hr/>
<hr/>	<hr/>
<hr/>	<hr/>

4. List 8 animals that are both domestic animals and wild animals.

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<hr/>	<hr/>
<hr/>	<hr/>
<hr/>	<hr/>

5. How are domestic animals similar to wild animals?



WHY DOMESTIC ANIMALS?

A long time ago, before humans were on the Earth, all animals were wild animals. When humans arrived, they began hunting animals to use their fur and hides for warmth and their meat for food. They also used parts of the animals for making tools, weapons, and jewelry. One day someone decided to capture a wild animal and try to keep it alive around the cave. No one knows for sure what kind of animal was the first to be kept in captivity by humans but we do know that it did happen because there are a lot of domestic animals today.



All domestic animals originally came from wild animals. Scientists believe that dogs came from domesticated wolves and coyotes. They think domestic house cats came from a wild cat that lives in Egypt and that pigs came from wild Boars. Chickens, ducks, and geese on farms came from wild birds.

Use the **DISCOVER WILD** reference set to answer the following questions.

1. The fur of the Coyote feels like the fur of a dog. Why is this so?

2. The fur of the Lynx and the Bobcat feels like the fur of a domestic cat. Why?

3. Five of the animals in the **DISCOVER WILD** reference set are both wild animals and domestic animals. Unscramble the letters to find which animals are both raised on farms and found naturally in the wild.

NKIM _____ **UTNIAR** _____

RDEE _____ **CARONCO** _____

KEL _____

4. Write four reasons why you think humans domesticated wild animals. Use complete sentences.

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CHALLENGE 1-3

5. Below is a list of domestic animals that have been domesticated by humans for different uses. Draw a line from the animal to its use.

DOGS AND CATS

EGGS, MEAT, AND DOWN

MINK

PETS

COW

FUR COATS

SHEEP

MEAT, MILK, AND LEATHER

CHICKEN

MEAT, WOOL, AND LEATHER

6. On the line next to the animal, write why they were domesticated by humans. Hint: It can be Food, Clothing, Pet, or maybe more than one of these choices.

PIG _____

RABBIT _____

DOG _____

GOLDFISH _____

MINK _____

CHICKEN _____

CAT _____

SHEEP _____

COW _____

NUTRIA _____

DUCK _____

HAMSTER _____

7. Some animals are easy to tame and make good pets. Some animals do well in captivity but do not make good pets because they are too big or dangerous. Some animals only do well in the wild. Circle the names of animals that would make good pets and underline those that only do well in the wild.

RED FOX

BEAVER

DOG

MINK

LYNX

CHICKEN

GOLDFISH

BADGER

DUCK

RAT

DEER

BOBCAT

CANARY

TURTLE

SNAKE

8. List physical and behavioral characteristics that make a good pet.

9. Draw a picture of a domestic animal and how it is used by humans on a separate sheet of paper.

10. What kind of animal would you like to be, a wild animal or a domestic animal? Explain why.

SKILLS FOR SURVIVAL

Wild animals must have many skills to compete and survive in the wild. They must always be on the watch for other animals that hunt them. They must also be strong and fast to defend themselves from enemies. They must use their sense of smell, hearing, sight, and touch to find food, water, and shelter and to alert them to danger.

Because wild animals are wild and can carry diseases, people should not get close to them or try to feed them from their hands.

Domestic animals do not need wild animal skills to survive because humans provide them with their needs and protect them from danger.



1. What skills do wild animals need to survive?

2. When a domestic dog gets old, it sometimes cannot see or hear very well. If a wild animal cannot see or hear very well, will it survive? Explain.

3. Wild animals must always be alert to danger. Do domestic animals have to be as alert to danger as wild animals? Explain.

CHALLENGE 1-4

4. If a wild animal was tame, would this help it survive? Explain your answer.

5. How can a good sense of smell help a wild animal survive? Explain.

6. Is it a good idea to feed wild animals from your hand? Explain.

7. If you see a wild Raccoon, Coyote, or other wild animal in your neighborhood, should you get close to it if it lets you? What should you do? Explain.

WHAT IS WILD AND WHAT IS NOT

Read each sentence carefully. Circle whether the sentence is true or false.

- | | | |
|------|-------|--|
| True | False | 1. Wild animals are tame and make good pets. |
| True | False | 2. Domestic animals do not depend on humans for their food, water, shelter, and space. |
| True | False | 3. Wild animals cannot be domesticated by humans. |
| True | False | 4. Domestic animals came from wild animals. |
| True | False | 5. Wild animals do not spend much time each day looking for food, water, and shelter. |
| True | False | 6. It is easy for a domestic animal to survive out in the wild. |
| True | False | 7. An animal doctor is called a veterinarian. |
| True | False | 8. Domestic animals are used by humans for food, clothing, work, companionship, and entertainment. |
| True | False | 9. Wild animals are sometimes kept in captivity by humans in zoos, circuses, and aquariums. |
| True | False | 10. Some types of animals are found in both the wild and in captivity. |
| True | False | 11. Domestic animals need better survival skills than wild animals. |
| True | False | 12. River Otter and Coyotes are usually domestic animals. |
| True | False | 13. Animals that depend on humans for food, water, shelter, and space are domestic animals. |
| True | False | 14. Domestic animals are related to wild animals. |
| True | False | 15. Feeding wild animals from your hand is all right if you are with an adult. |



VOCABULARY WORD SEARCH

Find and circle the 18 words camouflaged in the letters below. The words appear across or down.

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

- | | | | |
|------------------|---------------------|---------------|-----------------|
| WILD | DOMESTIC | DEPEND | PET |
| SHELTER | SURVIVE | KEPT | BRED |
| CAPTIVITY | ANIMAL | SPACE | HUMAN |
| WILDLIFE | VETERINARIAN | RAISED | ANCESTRY |
| CLOTHING | SKILLS | | |



ANSWERS TO CHALLENGE QUESTIONS

UNIT ONE: WHAT IS WILD AND WHAT IS NOT

CHALLENGE 1-1 WHAT IS WILD AND WHAT IS NOT

1. Wild animals do not live in captivity or depend on humans for food, water, shelter, space, or any other needs to survive. Domestic animals are tamed, kept, and bred in captivity by humans for food, fiber, work, companionship, and entertainment. People care for domestic animals and provide their needs to survive.
2. Wild animals must search for these necessities in their habitat.
3. Domestic animals are provided with the necessities for survival by humans.
4. No, they are dangerous, aggressive, and basically not tame.
5. Generally no, domestic animals do not have the skills necessary for survival in the wild.
6. No, the diet of a wild Lynx consists of other animals, birds, and fish that are hunted, killed, and eaten. The domestic house cat may eat the same meat products; however, it comes from a can provided by humans.
7. They must spend most of their time searching for these things.
8. More. Wild animals spend a lot more time just surviving than domestic animals.
9. It will likely die.
10. There is no right or wrong answer. The thinking process is more important to the answer than the answer itself.
11. Speed, cunning, aggression, hunting skills, hiding skills, and mating skills.
12. More. Domestic animals do not need many skills to survive because humans provide them with all the essentials for life.

CHALLENGE 1-2 IS IT A WILD ANIMAL OR A DOMESTIC ANIMAL?

1. Wild animals are not tame and do not rely on humans for their basic needs of food, water, cover, and space.
2. There are many possible answers.
3. There are many possible answers.
4. There are many possible answers.
5. All domestic animals are related to wild animals. They have similar physical characteristics of fur, teeth, claws, speed, strength, acute senses, and others.



APPENDIX A — UNIT ONE

CHALLENGE 1-3 WHY DOMESTIC ANIMALS?

1. The dog is related to the Coyote by common ancestry.
2. The cat is related to the Lynx by common ancestry.
3. MINK NUTRIA
DEER RACCOON
ELK
4. Some possibilities are food, clothing, companionship, entertainment, and scientific knowledge.
5. DOGS AND CATS — Pets, MINK — Fur coats, COW — Meat, milk, and leather
SHEEP — Meat, wool, and leather, CHICKEN — Eggs, meat, and down
6. PIG — Food, clothing, pet RABBIT — Food, clothing, pet
DOG — Pet, also work GOLDFISH — Pet
MINK — Clothing CHICKEN — Food, clothing
CAT — Pet SHEEP — Food, clothing
COW — Food, clothing NUTRIA — Clothing
DUCK — Food, clothing HAMSTER — Pet
7. Circled — Goldfish, dog, canary, turtle, rat, snake
Underlined — Red Fox, Deer, Beaver, Bobcat, Badger, Mink, Duck, Lynx, Snake
8. Tame, not too large. Not dangerous/poisonous, docile, clean, do not need much space.
9. Self-explanatory.
10. Student's choice. The thinking process is more important than the answer.

CHALLENGE 1-4 SKILLS FOR SURVIVAL

1. Hunting, hiding, reproduction, defense, offense, and so on.
2. Not likely.
3. No, domestic animals are rarely in danger.
4. No, wild animals must be aggressive if they are to compete in the wild.
5. It can alert them to danger, help them find food and water, and help with reproduction.
6. Absolutely not. Wild animals can carry harmful diseases and they bite.

7. No. You should move slowly away from the animal and get an adult. It is not normal for a wild animal to let you get close to it. The animal may be sick.

CHALLENGE 1-5 TRUE OR FALSE

1. False 2. False 3. False 4. True 5. False 6. False 7. True 8. True 9. True 10. True 11. False 12. False 13. True 14. True 15. False

CHALLENGE 1-6 VOCABULARY WORD SEARCH

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