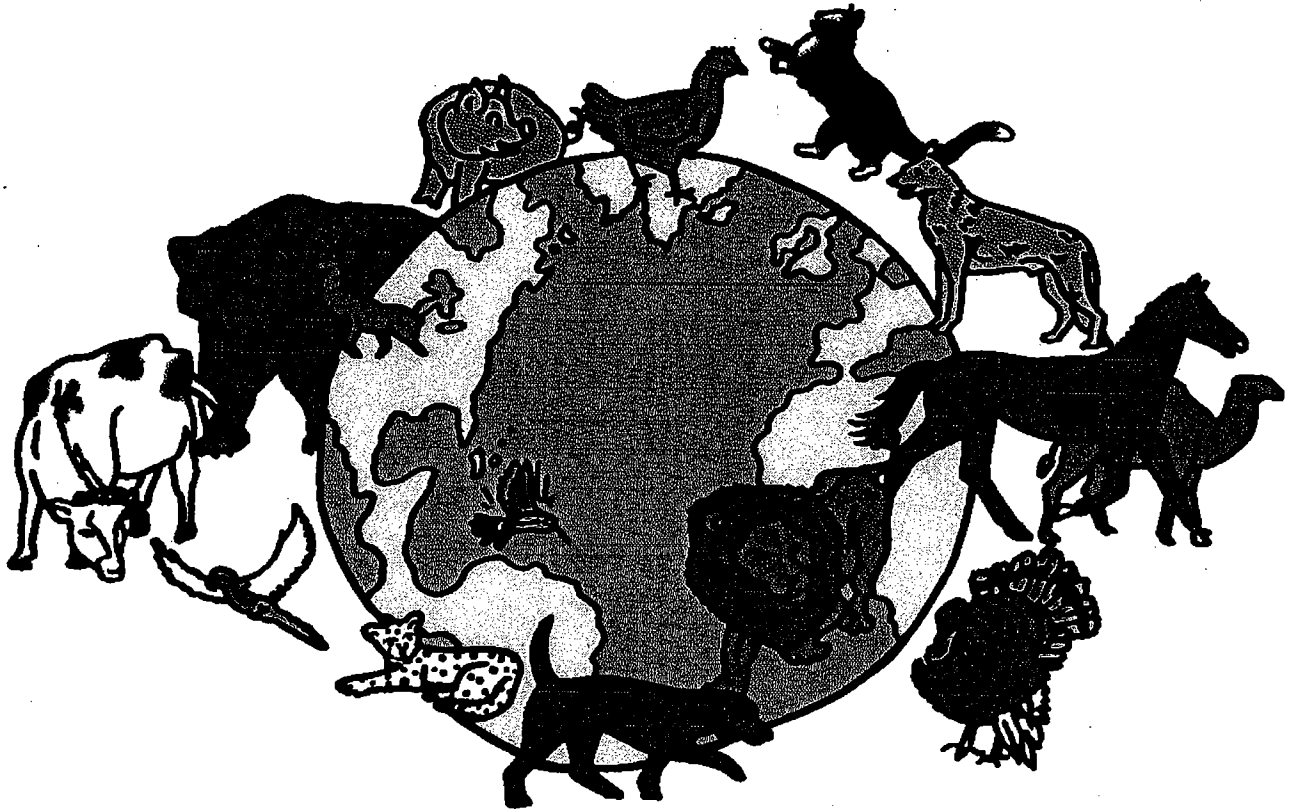


THE WORLD OF ANIMALS



WORKBOOK

Florida 4-H Animal Science Program



UNIVERSITY OF
FLORIDA

EXTENSION

Institute of Food and Agricultural Sciences



Table of Contents

WHAT IS AN ANIMAL? Become familiar with the unique features of all animals.	Pages 1 - 4
HOW ANIMALS SERVE HUMANS Become familiar with everything animals provide for humans.	Pages 5 - 8
ANIMAL CARE Become familiar with the components of good animal stewardship.	Pages 9 - 12
ANIMAL HEALTH Become familiar with the important elements of good animal health.	Pages 13-16
ANIMAL NUTRITION Become familiar with the unique nutritional requirements of all animals.	Pages 17-20
ANIMAL WELFARE Become familiar with the necessity of humane animal care practices and how to be responsible caretakers.	Pages 21-24
HARVESTING ANIMALS Become familiar with the idea that production animals are raised for our consumption.	Pages 25-28
MARKETING & ECONOMICS OF PRODUCTION ANIMALS Become familiar with the factors that influence marketing decisions.	Pages 29-32
ANIMALS AND THE ENVIRONMENT Become familiar with the idea that human interaction with animals will impact the environment.	Pages 33-36

W
H
A
T

I
S

A
N

A
N
I
M
A
L
?

An animal is a living thing that can be grouped into one of five classes according to its body structure and characteristics. We will be studying the vertebrate animals. They originate from the kingdom *Animalia*.

Can you name the five classes of animals?

Wild animals are animals that are not tame. All animal species started off as wild.

Another way to categorize wild animals is:

- Extinct
- Endangered or
- Threatened

These terms deal with the disappearance or threatened disappearance of a particular species.

Domestic animals which are used for transportation, food and work are production animals. Those animals that are used for protection and recreation are companion animals.

Since animals are living things, they can grow, reproduce, and may or may not be able to move on their own. Animals, because they are living, die. This is due to old age, disease, injury or they're harvested for food.

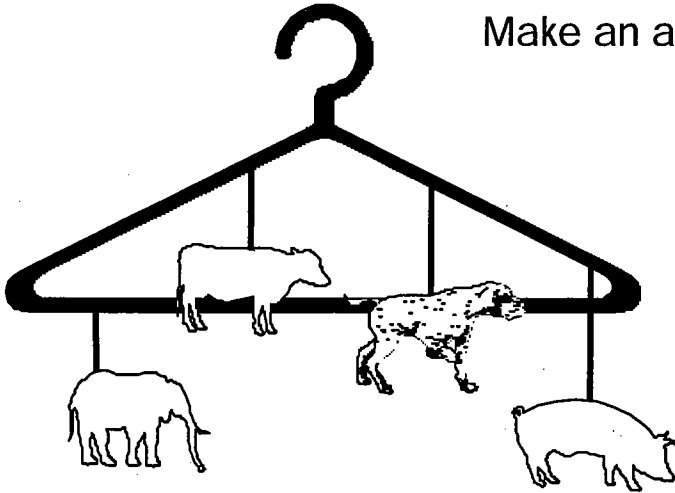


Animals are further categorized as either wild or domestic. Wild

WHAT AM I?



Make an animal mobile!



You will need:

- hanger
- animal magazine
- scissors
- string or yarn
- paste/glue
- construction paper
- markers

What you do:

- Decide if you are going to make a single class mobile or a mixed class mobile.
- Find and cut out pictures of animals which belong in the class. (ex. if a mammal mobile, then only mammals should be cut out)
- Cut out construction paper to fit on the back of the animal pictures.
- Cut pieces of string/yarn in different lengths.
- Glue or paste the string/yarn in-between the construction paper and the back of the pictures.
- Write the name of the animal, its class and whether it is wild or domestic on the construction paper.
- Tie the pictures with the string/yarn to the hanger in different locations.

Hang your mobile in your room!



The Animal World

WORD LIST:

Amphibians
Animalia
Biology

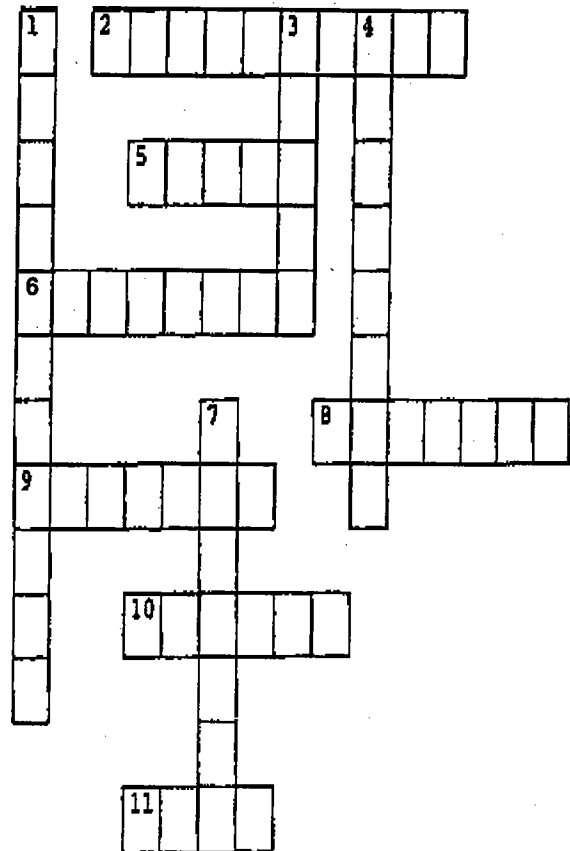
Birds
Classes
Environment

Fish
Lesson
Mammals

Reptiles
Water

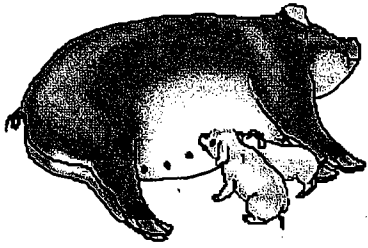
ACROSS

2. _____ are usually found in water and breathe through gills when they are young and usually live on land when they are adults.
5. All living things require food, _____, light and air to live.
6. _____ are cold blooded with scales or cornified skin.
8. _____ is the study of all living things.
9. _____ produce milk to feed their young.
10. We are learning about animals in this _____.
11. Gills allow _____ to breathe underwater.



DOWN

1. Living things have a definite relationship with their surroundings or _____.
3. Feathers cover _____.
4. Animals come from the classification Kingdom _____.
7. Animals are grouped into _____.



Are WE A Set?



Fill in your own puzzle using an animal you are unfamiliar with. Remember: identify the names of the male, female, castrated, and offspring for the animal you have chosen.

ANIMAL NAME:	

**H
O
W
A
n
i
m
a
l
s
S
e
r
v
e
H
u
m
a
n
s**

Animals have made many contributions to the lives of humans. The most obvious is that of food.

Can you name some food products?

Meat is the major food product, but along with providing humans with food, animals also provide us with fiber. Without animals we would not have clothing like leather, wool, mohair, down and fur. In producing meat, we also get valuable by-products which are produced during the making of something else.



By-products include things such as: crayons, makeup, marshmallows, fertilizer, candles, cleansers, and paint.

Can you name some other items that are made from animal products?

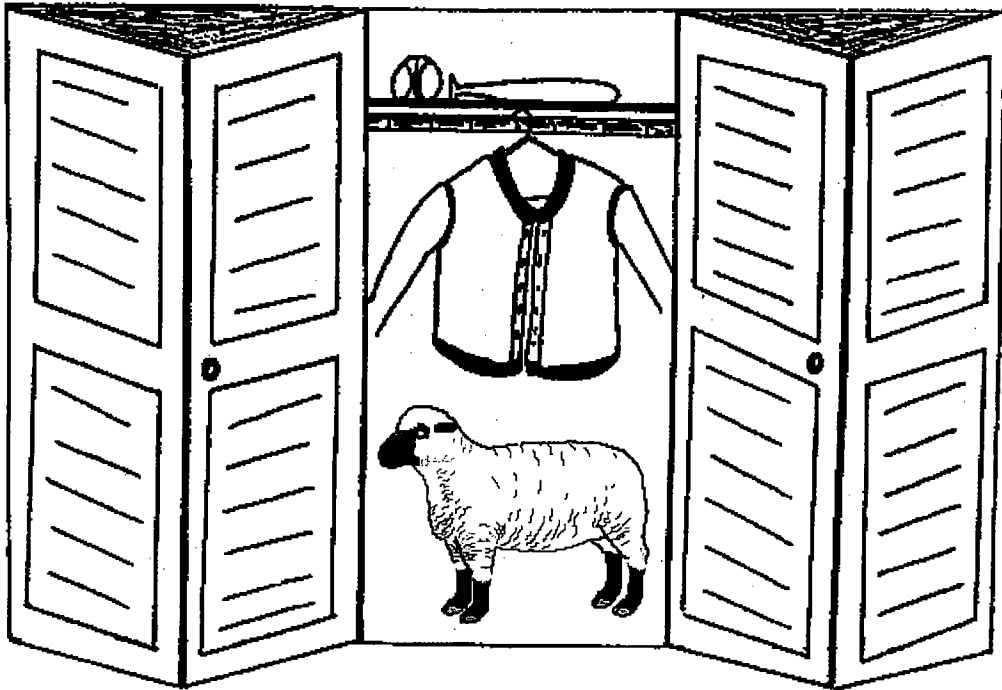
Animals serve humans in ways beyond just food and fiber. They are still a form of transportation in many countries. In the United States, however, riding animals such as horses is done primarily for recreation. Many animals, like seeing eye dogs, provide a tremendous service as they are the eyes of their owner. At the same time, they are also great companions!

What kinds of animals are used for companionship?

Animals are also used in law enforcement, in therapy for the mentally and physically healing, and in medical research for things like insulin and heart transplant/valve replacement surgery. Just think what our lives would be like without animals!



There's A Sheep in My Closet!! "WEAR" Is It?



List clothing products or accessories that you find in your closet or around your home!

CLOTHING

SPORTING GOODS

ACCESSORIES

FURNITURE

More Than MEAT

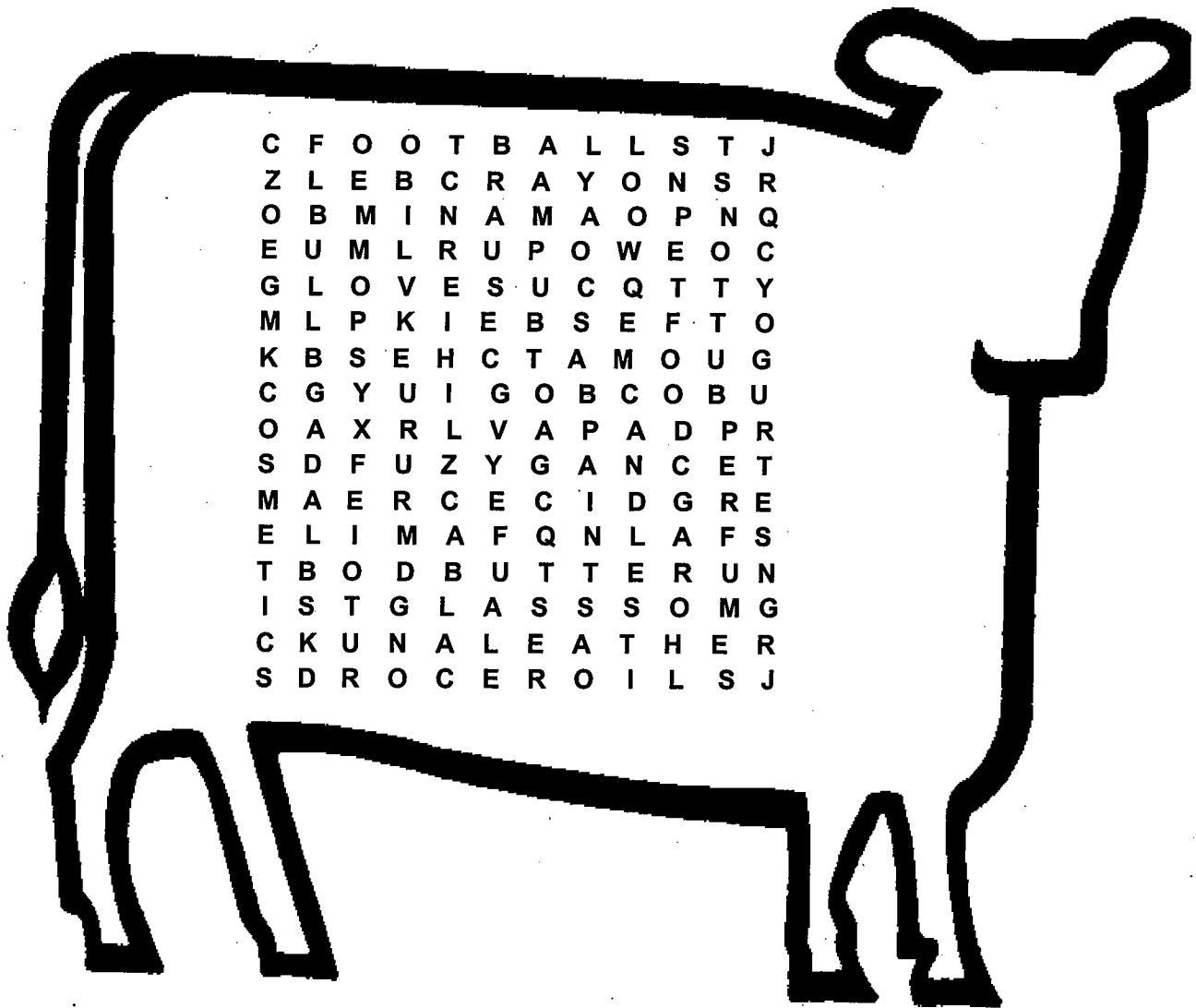
Animals produce more than just meat, milk, eggs, and wool! Search for some products that contain animal by-products from the word list below!

Butter
Buttons
Candles
Cosmetics
Crayons

Footballs
Glass
Gloves
Glue
Gum

Ice Cream
Leather
Matches
Paints
Perfumes

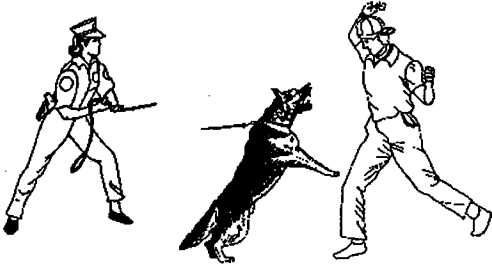
Pet food
Records
Soaps
Wool
Yogurt



Special Critters

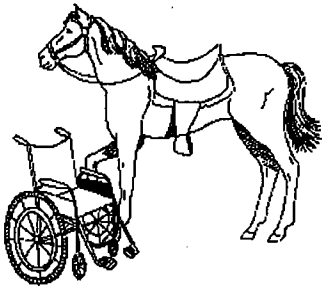
Identify the special critters below and what their specialty is.











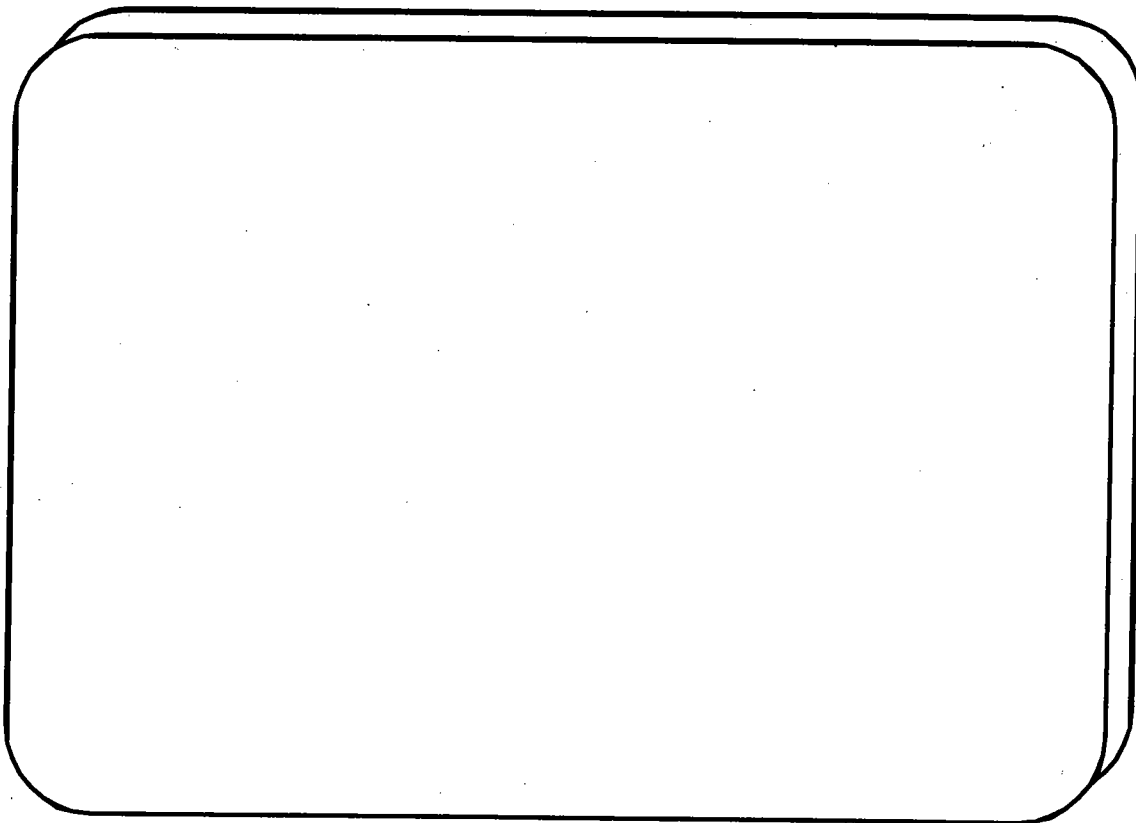
Where Do I Live?

Whether your animal is a production or a companion animal, taking good care of it is essential. Both types of animals need to be protected from predators and the environment. They also need to be guarded from disease and illness.

Caring for animals involves knowing your animal. It is

important to know how your specific animal should be fed, handled, transported and groomed. Following a planned healthcare program will also be helpful. Remember that each animal is different even within the same species. Knowing your animal and its behaviors could be one of the most important assets in animal care!

Draw a picture of the area where your animal or a friend's animal lives. The shelter or equipment that is needed to care for the animal should be included.

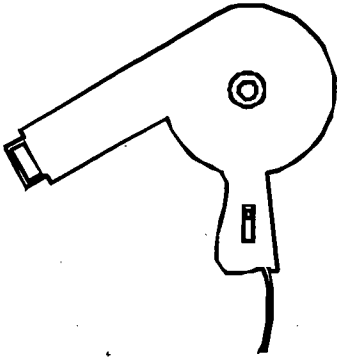


**A
N
I
M
M
A
L

C
A
R
E**

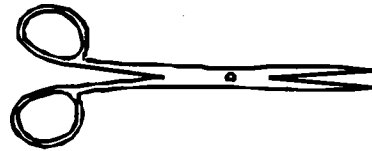
What's That For?

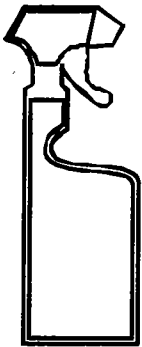
Identify these grooming tools used for animals and the reasons for using them.

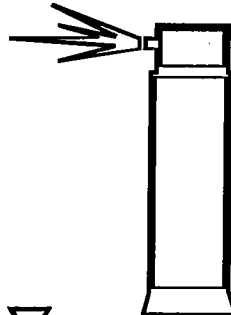


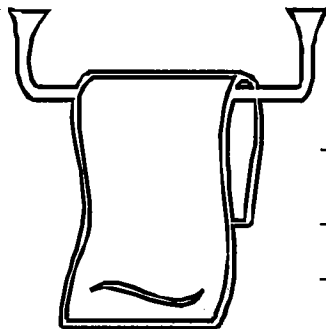




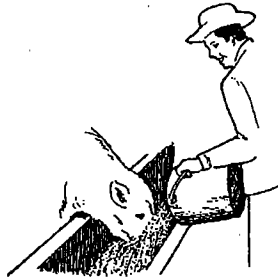
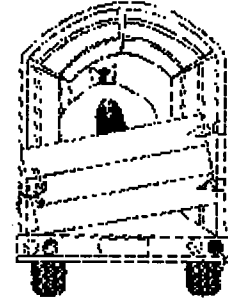
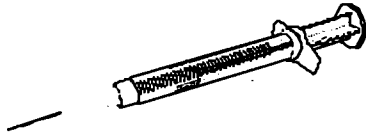








What Do You Know About Good Animal Care?



Choose an animal.
Answer the questions in the spaces below.

Score Card

Category	How often should you do?	How should you do this?	What products/ equipment do you use?
Nutrition/ Feeding			
Health/ Illness			
Grooming/ Exercising			
Transportation/ Moving			
Handling			

How Are You?

Draw a picture of an animal in each of the boxes below representing the "feeling" of each.

Scared

Excited

Angry

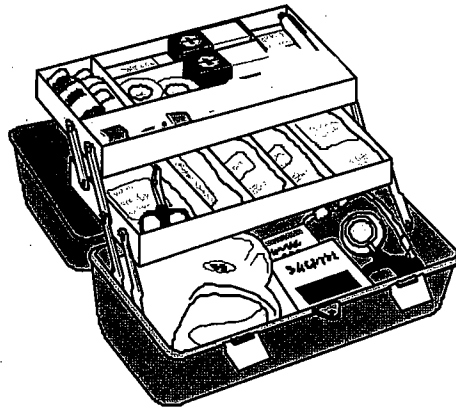
Content

Healthy animals are those that are free from disease and illness. A disease is a condition of ill health, or malfunction of organs or an organ system.

An illness is caused by a virus or bacteria that makes the animal not feel good.

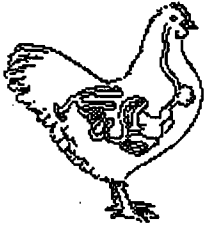
Can you name any animal illnesses?

The ability to recognize normal characteristics in animals will help you identify when an animal is ill. Some of the characteristics include: body temperature where "normal" is different for each species, respiration rate which is the process of taking in air, pulse rate which is the pressure surge in an artery caused by the blood being pumped through the artery by the heart, physical behavior and appearance.



Good nutrition is essential for a healthy animal. If an animal does become sick, a veterinarian (animal doctor) should be called. Veterinarians have many years of training and education like a human doctor. However, sometimes we are able to care for our animals ourselves. It's important to know when to call a veterinarian and when we can do it ourselves.

ANIMAL HEALTH



Scrambled Parts

Unscramble the body system names below and explain how they function in the body.

SYSTEM

FUNCTION

VGETDIESI

AYTERIPSROR

EIUMMN

LRCUROIYATC

RCATENL VNEOSUR

CTREVEPORDUI

CXRETERYO

ANSWERS: Digestive; Respiratory; Immune; Circulatory; Central Nervous; Reproductive; Excretory

