Name\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Period\_\_\_\_\_\_\_\_\_ Date\_\_\_\_\_\_\_\_\_

Animal Diseases & Parasites Notes

1. *Categorize diseases by their cause*

*Disease =*

|  |  |
| --- | --- |
| **Physiological Disease**      ***Examples:*** *Diabetes, hyper/hypothyroidism* | **Nutritional Disease**  ***Examples:*** *Ricketts, Milk Fever* |
| **Morphological Disease**      ***Examples:*** *Cuts, bruises, scratches, broken bones* | **Pathogenic Disease**      ***Examples:*** *Parvovirus, Rabies* |
| **Parasitic Disease**      ***Examples:*** *Heartworm Disease* | **Congenital Disease**      ***Examples:*** *Hip Dysplasia* |

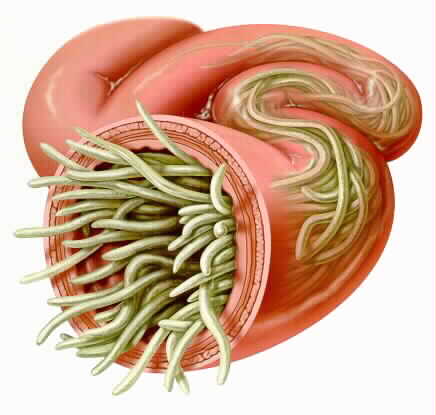
1. *List common diseases found in animals*

\*See Assignments

1. *Identify common animal parasites and their symptoms*

Parasite:

* + Any organism that lives \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ another organism
  + Causes the host harm
  + Parasites will \_\_\_\_\_\_\_\_\_\_\_\_\_\_ without a host

Internal Parasite:

* + Live \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ it’s host
* + - Looks like spaghetti
    - Found in intestines
* + Long and flat in intestines
  + Break off in sections which look like rice in the stool

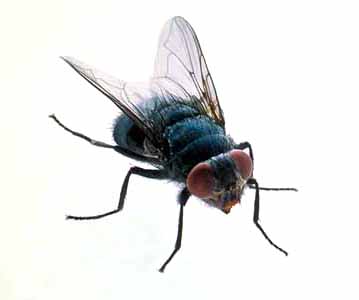


* + - Small, hook shape
    - Attaches to walls of intestine
* 
  + Found in circulatory system
  + Eventually blocks heart valves

External Parasite:

* + Lives \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_it’s host
* 
  + - Causes extreme Itching
    - Not found in Utah!

(They don’t survive the winters here)

* + - Can infect houses, live in couches, etc
* 
  + - Problem in the late summer & early fall
    - Flies are attracted to animals
    - Flies are annoying, but biggest problem is that they transmit disease



* + Fly larvae (eggs)
  + This parasite begins as external and then becomes internal



* + - Live on surface of skin
    - Attracted to warm, moist places such as the ear



* + - Attach themselves to body and suck blood
    - Can transmit Lyme Disease

How are parasites transmitted?

* + Ingesting infected feces
  + From mother to fetus
  + Mosquitos (heartworm)
  + Eating flesh of infected animal
    - Ie: Cat eating mouse

Preventing Parasites:

Internal





External



1. *Perform an animal health check*

Healthy Animals:

* + Bright \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
  + Socialize with other \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ and people as usual
  + Shiny \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
  + Healthy \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
  + \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ body functions (urination, defecation, etc)

Sick Animals:

* + Weight \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
  + Reduced Performance
  + Diarrhea
  + Dull eyes/drooped \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
  + Dull coat
  + High \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

1. *Identify & describe zoonotic diseases*

Zoonotic Disease=

-Example: From animal to human

Preventing Zoonotic Disease=

* Wash your hands!
* Keep animals healthy and dewormed regularly