**Teacher explanation of this assignment:**

Each student will receive a research sheet (page 2 of this document) to fill out while investigating a livestock disease. You may break your class into groups, have each student work independently or do a combination of both by asking the class to work independently during the research and then collaborate for the presentation. How you choose to separate the class will depend on the size, grade level and behavior of your particular class. Suggested diseases to research are below:

* **Brucellosis**
* **Tetanus**
* **Blackleg\***
* **Pinkeye**
* **Meningitis**
* **Rabies\***
* **New Castle\***
* **Fowl Pox**
* **Avian Influenza**
* **Foot and Mouth**
* **West Nile**
* **Ringworm\***
* **Foot Rot**
* **Lyme Disease\***
* **Mange**
* **Heartworms**
* **Coccidiosis**
* **Grass Tetany\***
* **Milk Fever**
* **Colic**
* **Infertility**
* **Dystocia\***
* **Hyperthermia and Hypothermia\***

*\*Diseases that are included in the classroom puzzle activity.*

**Expectations of students for this activity:**

*Fill out sheet*

*Students will complete the sheet entirely and answer all questions.*

*All research is of perceptive thought and not random notes.*

*All research is from credible sources.*

*Sources are cited correctly. (APA, MLA or as stated by teacher)*

*Presentation*

*Student covers all research areas during presentation.*

*Classmates are able to learn from the presentation material.*

*Visual aids are use appropriately. (As required by teacher)*

**Circle the correct type of disease-** Infectious or Non-Infectious

**What species are commonly affected by this disease?**

**What causes this disease? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_***(Bacteria, Virus, Fungi Parasite, Genetics, Nutrition, Cancer, Stressor injury)*

**If Infectious: What type of transmission? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_, Is it Zoonotic? Yes or No**

**List some common SYMPTOMS of this disease. How would someone determine if their animal has this disease?**

**How can this disease be PREVENTED?**

**List some common helpful TREATMENTS for this disease? How would someone rid their animal of this disease?**

**Can this disease be CONTROLLED if there is an outbreak? If so, how?**

**List any other important or interesting facts about this disease.**