

## Animal Health Tic-Tac-Toe/Hollywood Squares

**Objective:** Students will increase their knowledge of concepts related to animal related health issues.

**Concept:** Working with animals can cause health related problems that affect humans. Knowledge of the potential results of exposure to animal diseases can help children understand why they need to stay away from risks.

**Targeted Age:** Middle school and high school

**Materials:** Nine cards marked with an X on one side and an O on the other.

The game is played similar to the TV version of Hollywood Squares or tic-tac-toe. Place nine chairs in a square. Have nine students sit in the chairs. Give each student a card, one side marked with an O and one side marked with an X.

Select two additional students as contestants to compete against each other. Assign O to one person and X to the other. After determining who will go first, one contestant chooses a person in one of the chairs.

The “Host” will ask a question of the person in the selected chair.

That person can either:

- ▶ Give the correct answer
- ▶ Bluff with a made up answer if she doesn’t know the correct answer

The first contestant must agree or disagree with the response. If he gives the correct response he “wins” the square. The person in that square holds up an X or O. If he misses, the other person “wins” the square. The only exception to this is if there are already two marks in a row he can not win by default. The other person has to get the answer correct to have a winning row.

The object is to get three marks in a row just like tic-tac-toe.

Questions for this activity can be found on the next page. Create additional questions using information from the educational information section of this packet.

### **Q: What are ways to prevent getting sick when around livestock?**

**A:** Sanitation is essential for prevention of disease. Wash hands after handling any animal. Keep animals healthy by keeping vaccinations current and seek medical assistance if animals are ill.

### **Q: What should you do if scratched or bitten by an animal?**

**A:** Report any break in the skin to an adult. All wounds should be cleaned with soap and water. If the animal is wild or unknown, go to the doctor for additional testing.

(questions for this activity are on the next page)



## Tic-Tac-Toe/Hollywood Squares (Q&A)

**Diseases that can be transmitted from animals to humans are called?** Zoonoses.

**This disease can be transmitted by the saliva from an infected animal.** Rabies

**If an animal contracts this disease, it is almost always fatal.** Rabies

**This disease is contracted through the bite of a tick.** Lyme Disease or Rocky Mountain Spotted Fever

**A fungus which causes round-shaped lesions that are rough, raised and flaky is called?** Ringworm.

**When do early symptoms of lyme disease appear?** 4 to 14 days after being bit

**Give one symptom of lyme disease.** Fever, chills, headaches or backache

**This disease often comes from wild animals.** Rabies

**If you get a small red bump and it enlarges into a spreading red ring you may suspect you have?**

Lyme Disease.

**Cattle can contract this disease by eating dead animal matter.** Mad Cow Disease

**This disease can be transmitted to humans through undercooked pork.** Trichinosis

**What animal most commonly transmits Toxoplasmosis?** Cat

**This disease is most commonly found in poultry products.** Salmonella

**What household animal is most likely to cause serious blood infections from bites or scratches?**

Cat

**What are measures to prevent zoonoses?** Clean animal facilities, immunizations, sanitary practices

**Name a gas produced in swine confinement facilities that can be harmful to humans and animals.**

Carbon monoxide, carbon dioxide, ammonia, hydrogen sulfide

**What happened in central Europe during the 14th to 17th century related to zoonoses?**

Black Death or Plague

**How was Black Death/Plague transmitted to humans?** Flea bites

**You can get this infection from stepping on a nail, especially if you are in a livestock area.** Tetanus

**What must a dog receive to prevent them from contracting rabies?** Vaccination.

**Lice will not migrate between animals or from animals to people. What is this called?**

Species-specific

**What temperature do you need to cook food in order to kill Salmonella?** 160° F

**Mosquitoes transmit this disease.** West Nile Virus

