**The Rise in Antibiotic Resistance Name\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Sumanas, Inc. Date\_\_\_\_\_\_\_\_\_Period\_\_**

**First watch the animation:**

1. Briefly explain how antibiotic resistance develops.

2. Provide two ways resistance spreads through a bacterial colony.

3. Provide two ways antibiotics disrupts bacterial function/structure.

4. Identify three different characteristics a bacterium could acquire to make it resist antibiotics.

5. How are susceptible bacteria different from resistant bacteria?

**Next, click on the link for the livestock article which will bring you to: *Prescription for Trouble: Using Antibiotics to Fatten Livestock* and summarize the article below and on the back side:**