

Age 12-15

1. L1
 - a. Disease Comparison Worksheet - See Folder
 - b. All About Germs Writing Activity (Beginner) - See Below
 - i. What are germs called that can spread between animals and humans? Research one of these types of germs and its importance. Be sure to include risk factors for getting the disease.
 - ii. Bonus Information: What is its mortality rate, are there asymptomatic carriers, what are the clinical signs?
2. L2
 - a. Routes of Transmission Worksheet - See Folder
 - b. How Germs are Spread Writing Assignment (Beginner) - See Below
 - i. There are five ways that germs can spread. Name them and give one example of a zoonotic disease that can be spread in each way. We discussed prevention methods including basic hygiene and isolation of ill animals. Research one zoonotic disease and discuss what ways you found to prevent transmission of that disease.
3. L3
 - a. Biosecurity Quiz - See -----
 - b. Build a Safe Farm or Exhibit Activity (Beginner) - See Below
 - i. Draw a farm or exhibit and make note of areas or methods used to prevent diseases from getting in or out. Consider the different routes zoonotic diseases may be transferred and how to prevent their spread.
4. L4
 - a. HPAI Quiz - See -----
 - b. HPAI Food For Thought Writing Activity - See Below
 - i. Think about your current animal project. Explain what might happen to your fair/exhibit if there was an outbreak of HPAI.
5. L5
 - a. Influenza A Quiz - See -----
6. L6
 - a. One Health Writing Assignment (Beginner) - See Below
 - i. Research a One Health Agency and describe the agency's role in public health. Also mention at least three different types of professionals (remember the public health professionals we discussed) that work there and the roles they play in that agency.