

Age 15-18

1. L1
 - a. Disease Comparison Worksheet - See Drive
 - b. All About Germs Writing Activity (Advanced) - 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, was there a recent outbreak of it?
2. L2
 - a. Routes of Transmission Worksheet - See Drive
 - b. How Germs are Spread Writing Assignment (Advanced) - See Below
 - i. There are five ways that germs can spread. Research a zoonotic disease and explain the mechanism of spread. We discussed prevention methods including basic hygiene and isolation of ill animals. What ways did you find to control the zoonotic disease that you researched?
3. L3
 - a. Biosecurity Quiz - See Drive
 - b. Ensure a Safe Farm or Exhibit Activity (Advanced) - See Below
 - i. Draw a map of your farm or exhibit at the fair. Point out your methods of biosecurity. Consider the different routes zoonotic diseases may be transferred and then list some areas that could be improved at your farm or exhibit or areas of special interest.
4. L4
 - a. HPAI Quiz - See Drive
 - b. HPAI Food For Thought Writing/Discussion 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. How would this impact your animal project financially?
5. L5
 - a. Influenza A Quiz - See Drive
6. L6
 - a. One Health research Writing Assignment (Advanced) - See Below
 - i. Research a One Health Agency and describe the agency's role in public health. Review the different types of professionals (remember the public health professionals we discussed) that work there. Chose one of these professional roles- describe their role at that agency, include the education required for that career and their responsibilities in it.