***Worksheet: Infection Tree with Vaccinations and Disease Immunity (Optional)  
Life Science 15: Introduction to Epidemiology & Infectious Disease***

**Instructions**: Complete this chart to trace back the infection’s path of transmission. During the activity, write down the names of the **three** partners that you interact with. After you complete all 3 interactions, talk to each of your partners & write down the names of their partners (be mindful of the order!). Circle the name of the people that were infected, including yourself.

Work across groups and figure out:

**Your Partners**

**Your Partners’ Partners**

***1. Who is “patient zero”?***

***2. How does disease immunity change the rate of   
 transmission?***

***3. Did your class reach herd immunity?***

**On the back of this worksheet, make a   
diagram of the transmission route.**

***If this is not possible, what additional information would you need to complete the route?***