

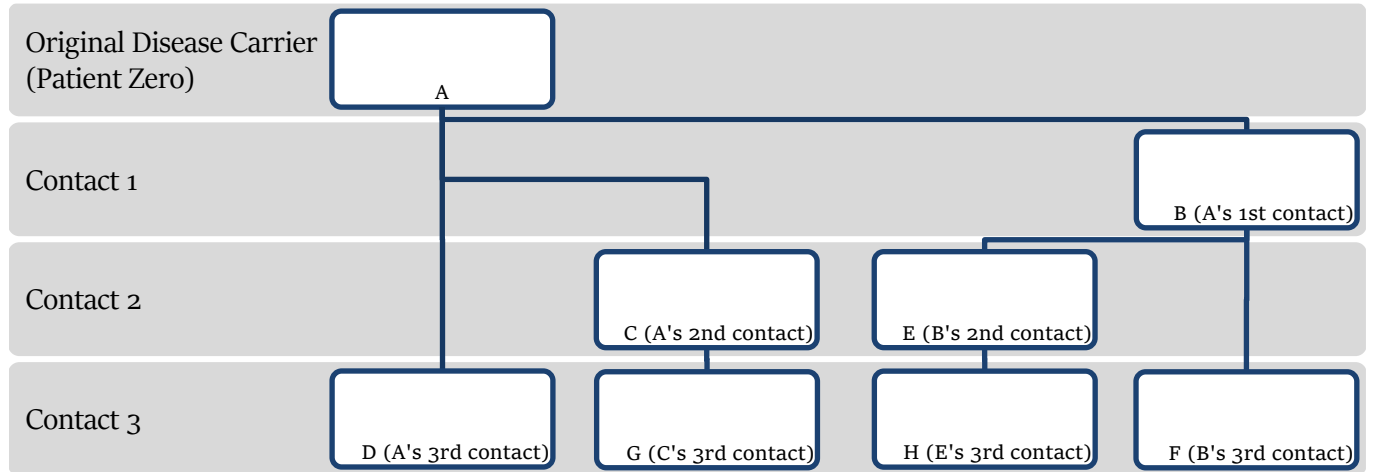
## Modelling the Spread of Disease (Science 8)

### My Contact Chart

Your Name	Contact 1	Contact 2	Contact 3	Infected? (Y/N)

### Follow-up Questions

- 1) a. Come up with a scientific hypothesis that best explains the pattern of disease transmission based on your class data from the previous page. **Carefully** fill out the chart below.



- b. How did you come up with this hypothesis? What strategy did you use?
- c. Is there any data that your hypothesis does not account for? If so, list them. (Was anyone infected who is not on your chart? Is anyone on your chart who was not infected?)
- 2) a. What does “Patient Zero” mean?
- b. How do you think tracking the spread of disease and determining the identity of patient zero can be used to help stop the spread of disease?
- 3) What would you suggest as the course of action to respond to and contain the outbreak? Describe at least 3 things.