Ant Simulation Worksheet: Activity 1

1. Which option for dealing with bacteria-x would you personally choose if this epidemic occurred today? Why?

3. Determine your course of action given you had an income of $20,000 / yr., $50,000 / yr., and $100,000 / yr. for a family of 4. Make sure you consider spending for other expenses (housing, food, car, etc)

4. What percentage of the population is likely to get sick (based on their ability to pay for preventative treatment)? How many people are likely to die? Estimate these numbers: For the entire state. For Detroit. For the Upper Peninsula.

5. What are the likely effects on hospitals and other organizations that are associated with health care?

6. What might be the effect on Michigan’s economy? Which specific businesses might suffer most?

7. How might the future of Michigan be compromised?

6. What would happen to Michigan if epidemic persisted 20 years? (Keep in mind the effects on both adults and children.)

Last change: August 2006