

Name:

Date:

Class:

Bacteriophage Builder Student Worksheet

Do First

1. Describe a time when you were sick. How did you feel? What were your symptoms?
2. What do you think caused you to feel sick?
3. Draw what you think the cause of your sickness looked like:



Engineering Design Process

Define the Problem:

Criteria for Success:

Name:

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Class:

Constraints:

Brainstorm a design:

Materials Needed	
•	_____
•	_____
•	_____
•	_____

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Reflection Questions

1. Did you make any changes to your design from when you first brainstormed? Why?
2. In what ways did our model *accurately* reflect how viruses infect their host cells?
3. In what ways could our model be improved to show how viruses infect host cells?
4. In what ways did our model *accurately* reflect natural selection & the evolution of phages?
5. In what ways could our model be improved to more accurately show the evolution of phages?