

Ideas for Investigation Plan

1. What are all of the bacteria question categories we think we can investigate by catching and growing bacteria? (highlighted or circled on the class list)

2. List your group's top three locations that you all would like to test for bacteria.

1st Choice Location: _____

2nd Choice Location: _____

3rd Choice Location: _____

3. **THE BIG QUESTION:** What bacteria question category from question 1, not dealing with different locations, would your group like to design an investigation around?

4. **OUR QUESTION:** What specific question does your group want to test at your location that is related to the category your group chose in question 3?

5. What type of data would you need to collect in order to answer the question your group wrote for question 4? What would we see your group doing? Be specific.

6. How many petri dishes would your group need for your investigation? How would you label each dish you need?
7. What safety precautions will you need to be aware of for this investigation?
8. Discuss your group's plan with your teacher. Your teacher must give approval before you can start filling in your investigation poster. While waiting for approval you can start to copy the template seen below on your poster.

Teacher signature _____

Group # given by teacher: _____

The Big Question:	Group #:
Our Question: <small>(specific to the investigation)</small>	
Lab Setup:	Comments/Questions
Predictions:	