

Music and science-

Step 1- Using Q-tips swab 3 different areas of your instrument (examples- mouthpiece, bell, keys, slides, spit valves, corks, etc). Put these swabs into closed plastic sandwich bags labeled with where you swabbed. Also include in each bag a piece of fresh bread. Observe them over the course of two weeks. Use the chart below to document what you see. You can also photograph the results every 2-3 days.

Things you may observe- Is anything growing? When did it start to grow? What color is the growth? After the two week experiment, complete the questions.

Step 2- You should do research on how to fully clean your instrument. Find different resources that you could share with others (you tube videos, articles, etc.) You are going to write a half page report on the process of how to clean and sanitize your instrument. Then you will complete a short 3-5 minute “How to Video” for others to teach them how to clean your instrument. Assume that the person does not know ANYTHING about your instrument.

Swab #1 _____ (area on your instrument swabbed)

	Growth (Y/N)	Describe growth	
Day 1			
Day 2			
Day 3			
Day 4			
Day 5			
Day 6			
Day 7			
Day 8			
Day 9			
Day 10			
Day 11			
Day 12			
Day 13			
Day 14			

Swab #2 _____ (area on your instrument swabbed)

	Growth (Y/N)	Describe growth	
Day 1			
Day 2			
Day 3			
Day 4			
Day 5			
Day 6			
Day 7			
Day 8			
Day 9			
Day 10			
Day 11			
Day 12			
Day 13			
Day 14			

Swab #3 _____ (area on your instrument swabbed)

	Growth (Y/N)	Describe growth	
Day 1			
Day 2			
Day 3			
Day 4			
Day 5			
Day 6			
Day 7			

Day 8			
Day 9			
Day 10			
Day 11			
Day 12			
Day 13			
Day 14			

Which swab of your instrument was the dirtiest?

Which swab of your instrument was the cleanest?

Are you surprised by the results of this experiment? Why or why not?-

How often have you cleaned your instrument in the past?

How often do you think you will clean it now that you have done this experiment?

What was your favorite part of this experiment? And why?

What was your least favorite part of this experiment? And Why?

**** At the end of the two weeks turn in the chart above and any photos you took of the swabs. You should also submit your "How to" video on how to clean and sanitize your instrument.