

# MLE

## Meaningful Learning Experience

Instruction: Recall the activities you have had for the past days- your experiences during your online orientation- that have meaningfully impacted you as a learner. Write your REFLECTIONS below:

A. Describe the activity.

We performed Gram staining, a fundamental technique used to differentiate bacterial species into Gram-positive and Gram-negative groups based on the chemical and physical properties of their cell walls.

B. What were your feelings about the activity? What are your thoughts about it?

I felt excited and curious about the activity; I was eager to see how bacteria look under a microscope after staining and curious about how the different steps of the process contribute to the final outcome.

C. What was good about the activity? What do you like about it?

The best part of the activity was its hands-on nature, which made the learning process very engaging. I enjoyed the meticulous steps involved in Gram staining and the immediate visual results that allowed us to see the differences between Gram-positive and Gram-negative bacteria.

D. To what Liceo U core value/s would you relate the whole experience?

I would relate the experience to the Liceo U core value of **excellence**. This value emphasizes striving for the highest standards in all endeavors, and the Gram staining activity exemplified this by requiring precise technique, careful observation, and a thorough understanding of microbiological principles.

E. What part/s or aspect/s of the activity would you like to be improved? How would you like it done?

I would like to improve the clarity of the instructions and ensure we have more time for each step. This could be done by providing a detailed step-by-step guide and extending the lab session duration.

F. How has the whole experience impacted you as a learner?

The experience has enhanced my understanding of microbiological techniques and increased my appreciation for the precision required in scientific experiments

G. How will you translate your meaningful teaching-learning experience in your personal, familial, or communal life?

I will translate this experience into my personal life by applying the skills of careful observation and attention to detail in various tasks. I can share what I've learned about the importance of microbiology in everyday health and hygiene, helping to raise awareness about bacteria and the importance of proper sanitary practices.

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MICROBIOLOGY & PARASITOLOGY