

Hunter College Office of the Provost/Office of Assessment

*Template for CUNY Pathways/General Education Learning Outcomes Assessment Reports*

**Life and Physical Sciences (LiPS) Assessment, 2019-2020**

Prepared by \_\_\_\_\_ Dept/Program/Office \_\_\_\_\_ Semester/Year \_\_\_\_\_/\_\_\_\_\_

Please submit this report to the Director of Assessment by February 3<sup>rd</sup> for Fall 2019 assessments, and by July 3<sup>rd</sup> for Spring 2020 assessments. If you have questions or need assistance, please contact Joel Bloom at [joel.bloom@hunter.cuny.edu](mailto:joel.bloom@hunter.cuny.edu).

I. Direct Assessment of Learning Outcomes

- Please note that, while we ask you to show the course or program learning outcomes associated with the relevant CUNY Pathways/Gen Ed outcome, we are asking you to assess student learning with regard to the Pathways/Gen Ed outcomes, not the course or program outcomes.
- Please assess the Pathways/Gen Ed outcomes using the rubric provided.
- Please insert *the numbers of students falling into each performance level* in the following chart.

CUNY Pathways Outcome	Course or Program Outcome	Course Name and Number	Sample Size	Exceeds Expectations	Meets Expectations	Approaches Expectations	Does Not Meet Expectations
1. Identify & apply the fundamental concepts & methods of a life or physical science.							
2. Apply the scientific method to explore natural phenomena, including hypothesis development, experimentation, measurement, data analysis, & data presentation. 4a. Gather, analyze, & interpret data...							
3a. <u>Use the tools of a scientific discipline to carry out collaborative laboratory investigations.</u>							
3b. <u>Use the tools of a scientific discipline to carry out collaborative laboratory investigations.</u>							
4b. ...and present it in an effective written laboratory or fieldwork report.							
5. Identify & apply research ethics & unbiased assessment in gathering & reporting scientific data.							

II. Assessment Process How did you go about assessing student learning?

*(Describe briefly the assessment methodology: section and sample selection, scoring process, and assessment design)*

III. Conclusions What did you discover about student learning?

IV. Actions Taken: What actions did you take, or will you take, to respond to the data and conclusions?

What actions do you recommend be taken at the institutional level?