

**PRE-TEST / POST-TEST
BACKGROUND AND SELF ASSESSMENT QUESTIONS**

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* - Indicates experimental design self assessment question
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1. My major is
 - A. biology
 - B. environmental science
 - C. other than biology or environmental science

2. Before this lab, in how many classes did you write testable hypotheses? If you wrote hypotheses in the lecture and lab for a class, count that as 1.
 - A. 0
 - B. 1
 - C. 2
 - D. 3
 - E. 4 or more

3. Before this lab, how many research proposals have you written?
 - A. 0
 - B. 1
 - C. 2
 - D. 3
 - E. 4 or more

4. Before this lab, how many college research papers have you written?
 - A. 0
 - B. 1
 - C. 2
 - D. 3
 - E. 4 or more

- *5. I am confident that I can write a hypothesis that is testable with an experiment.
 - A. strongly agree
 - B. agree
 - C. disagree
 - D. strongly disagree
 - E. do not know

6. I feel that this laboratory has improved my writing ability.

- A. strongly agree
- B. agree
- C. disagree
- D. strongly disagree
- E. do not know

7. I feel that this laboratory will increase the rate that I can write science reports or lab reports.

- A. strongly agree
- B. agree
- C. disagree
- D. strongly disagree
- E. do not know

*8. I feel that I can analyze the design of an experiment in a research paper.

- A. strongly agree
- B. agree
- C. disagree
- D. strongly disagree
- E. do not know

*9. I feel that I can design an experiment to answer research hypotheses.

- A. strongly agree
- B. agree
- C. disagree
- D. strongly disagree
- E. do not know