Your Name

Ms. Szeliga

Honors Biology

Due Date of Report

1. Title
2. Purpose : copy from lab sheet
3. Background Info

What is pH?

What is an acid? What is a Base?

What is a buffer? Examples?

1. Hypothesis- Part 2 only
2. Materials- Copy from sheet
3. Procedure- copy from sheet
4. Data: 2 tables for part 1 & 2
5. Analysis:

Restate purpose of the lab

Discuss the pH of the 8 substances

Were any a surprise

What is the role of the hydrion paper?

Discuss any error

Discuss the two solutions for part

Explain the role of the bromothymol blue indicator

Explain the role of the HCL

Discuss the # of drops for each solution? Why is the NaOH solution lower?

Explain the role of buffers in homeostasis? Provide real life examples or application

1. Conclusion: 2 statements
2. Works Cited- MLA format

Szeliga, Valerie Class Notes 2012

1. Acknowledgements: state the names of your lab partners. Your group is sharing the QUALITATIVE DATA.