

Lab Write Up and Scoring Guide

PLEASE TAKE THIS LAB SERIOUSLY AND DO YOUR BEST WORK. YOUR BEST WORK DOES NOT IMPLY THAT YOU HAVE TO WRITE 400 PAGES.

POINTS ARE DEDUCTED AS FOLLOWS. If you answered these appropriately, you will get points. If it appears that you just wrote something to fill paper, I will deduct full points.

Title -3

It must be a scientific sounding title. Do not put yourself in this lab anywhere. Here are some examples of titles.

1. Liquid Extraction of Benzene from Its Mixtures Using 1-Ethyl-3-methylimidazolium Ethylsulfate as a Solvent
2. *Benzene removal from waste water using aqueous surfactant two-phase extraction with cationic and anionic surfactant mixtures*
3. [Antibacterial substances from marine algae: successive extraction using benzene, chloroform and methanol](#)

Purpose -3

Hypothesis-5

Materials-5

Procedure-10

Do not use pronouns unless you are sure they are understood.

Step by step NO PARAGRAPHS!!!!

Your words must be your own.

Data and Observations-10

Pics

before/after comparison

Observations?

- Texture of soil
- Smell
- Living things
- Color
- Level of decomposition
- Unexpected things
- Living creatures: DETRITIVORES OR DECOMPOSERS?
- Root structures
- Loose or compacted?
- Unexpected observations

Total Run Time: How long did it take?

Conclusion-(-2 PER incomplete or poorly answered QUESTION)

Format

The most important APA format guidelines in the 6th edition are:

- Use 12 pt Times New Roman
- Set 1 inch page margins
- Apply double line spacing
- Insert a running head on every page
- Indent every new paragraph ½ inch
- <https://www.scribbr.com/apa-style/format/>

Friday January 24th by 8pm

Late labs will be deducted 5 points per day late.

Be sure to not use colloquial terms.

For example, replace *trash* with *Municipal Solid Waste*.

Drain Pipe → Leachate Pipe

Leakage → Leachate

Poop → Feces or Excrement (others)

plant → Rye Grass

What is Solid Waste. (n.d.). Retrieved from <https://www.dec.ny.gov/chemical/8732.html>.

Facts and Figures about Materials, Waste and Recycling. (2019, November 12). Retrieved from <https://www.epa.gov/facts-and-figures-about-materials-waste-and-recycling>.