Your Name

Ms. Szeliga

Honors Biology

February 29, 2010

1. Title

Osmosis lab

1. Purpose

(copy from sheet)

1. Background Information

Define osmosis

Hypertonic, hypotonic, isotonic solution

Normal condition for plant cell

Plasmylosis, turgor pressure, vacuole

1. Hypothesis – if, then- no I we you us
2. Materials (copy directly from lab sheet)
3. Procedure (copy directly from lab sheet)
4. Data- attach data sheet
5. Analysis (no “I”, we)- 3 or 4 paragraphs

* Restate the purpose
* Discuss qualitative data
* Discuss changes in cell when placed in NaCl Solution & distilled water
* Turgor pressure (hypotonic solution)
* Plasymolysis- (hypertonic solution)
* error
* Real life application

1. Conclusion

* 2 sentences only.
* “It can be concluded that…”
* “The hypothesis was correct/incorrect”

1. Works Cited/references- list any resources used for background information
2. Acknowledgments- list your lab partners & anyone who helped you