

Lab Protocol: Module 07 — Photosynthesis

BIOL-1

Name: _____ Date: _____

Lab Title

[To be determined]

Overview

This lab protocol is a stub and will be developed with detailed procedures, materials, and safety information.

Learning Objectives

- Explain the overall equation for photosynthesis
- Observe the production of oxygen during photosynthesis
- Investigate the effects of light intensity on photosynthetic rate
- Understand the role of chlorophyll and other pigments
- Connect the light reactions to the Calvin cycle

Estimated Duration

2-3 hours

Materials Needed

[To be listed]

Safety Considerations

[To be listed]

Procedure

[To be developed]

Data Collection

[To be developed]

Analysis Questions

[To be developed]

Conclusion

[To be developed]

Note: This is a placeholder document. Complete lab protocol to be developed.