

BIOLOGY 1200

VANCOUVER COMMUNITY COLLEGE

Instructor: Maria Morlin

Lab demonstrator: Klaudia

February 2021– hybrid course

Lab: Plant Growth – Student Experiments

Outline

- Objectives
- Overview
- Photos

Objectives

1. Describe plant growth patterns.
2. Observe phototropism and gravitropism
3. Explain the effects of auxin on plant growth
4. Explain the effects of giberellins on plant growth.
5. Design and execute an experiment testing factors that influence seed germination or plant growth.
6. Present the results in a written scientific paper, and a presentation at the end of term.

Overview

- This lab is a demonstration lab of plant growth patterns and germination patterns.
- The students examine the effects of various hormones on plants.
- Students observe germination and growth after germination.
- Students develop a question about plant growth or germination and factors affecting measurable qualities.
- The end of each section provides a list of questions from which students may choose, or may come up with their own question.
- Equipment available for experiments is displayed.

My hiding place

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February 21, 2021
February 21, 2021

STREPTER permanent

Phototropism



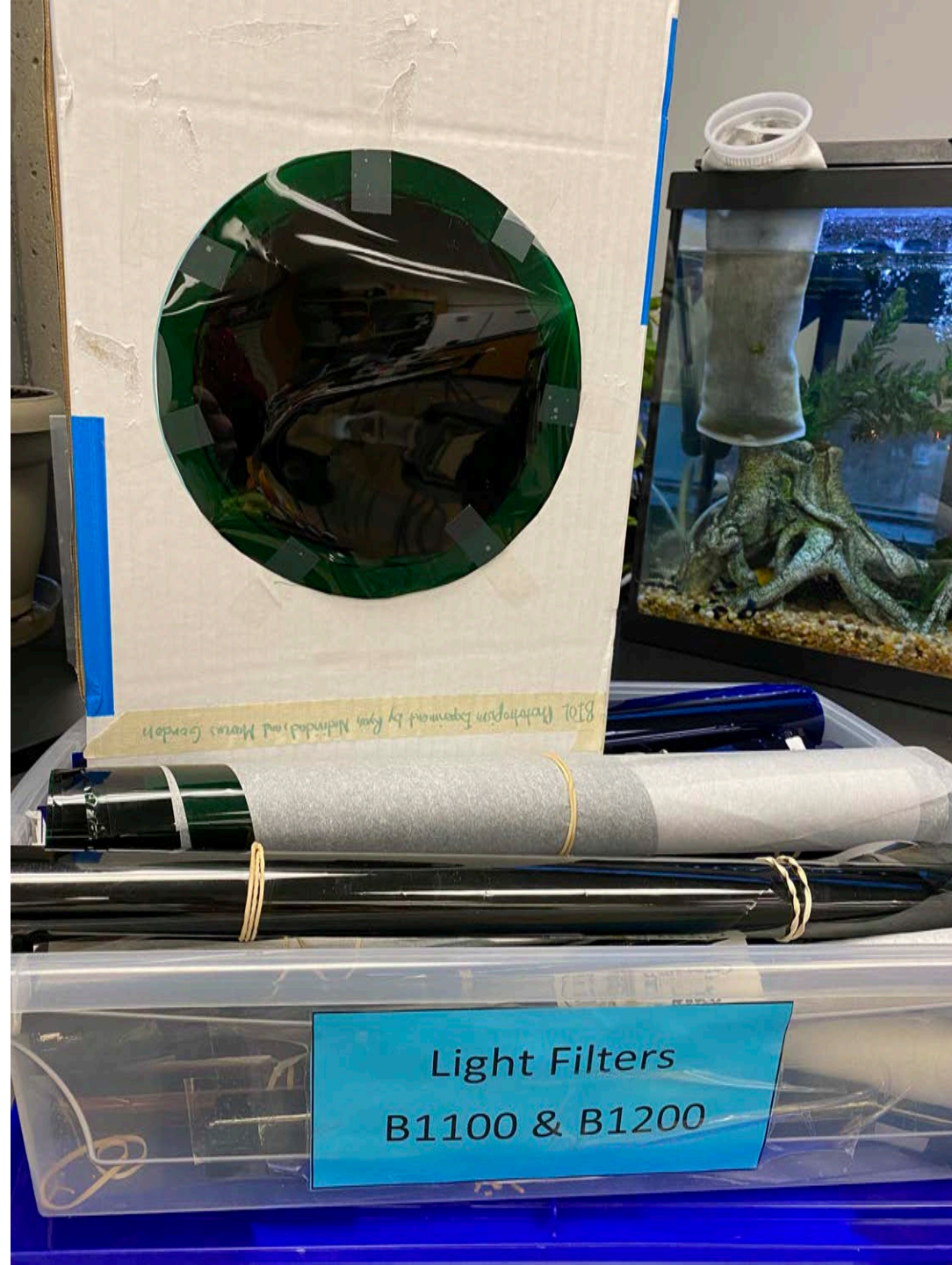




Extra's

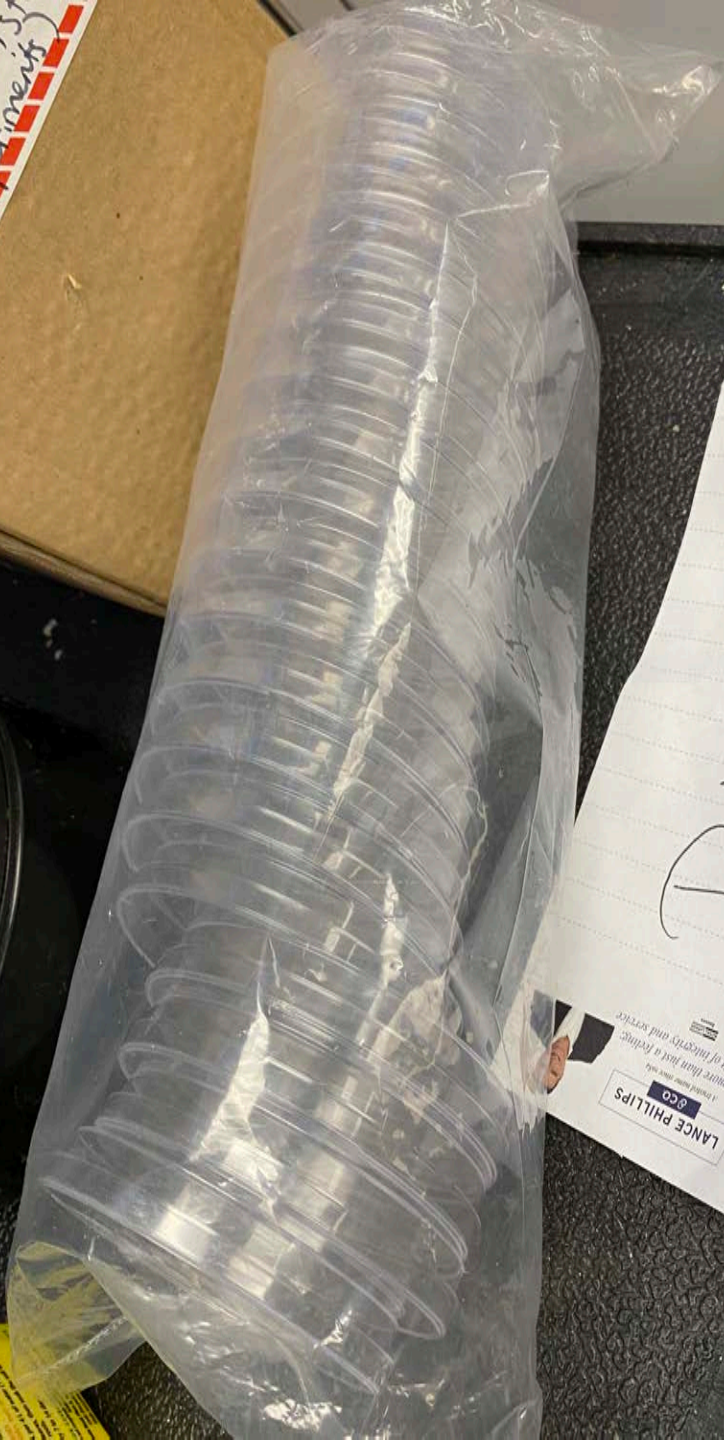
Planted: Feb. 8.







for field work is
this experiment



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