

Botany Landscape Project Introduction 2020

In order to explain what something is, sometimes it is helpful to first explain what it isn't. This project is not designed just to have students memorize scientific names of plants. It was not designed to increase the likelihood of correctly answering a trivia question about botany.

The botany landscape project was designed to

- * get students to start seeing the beauty around their yard, their neighborhood, and their world, in addition to becoming more aware of God's incredible creativity
- * familiarize students with some of the botanical terms used by landscapers, farmers and homeowners
- * get students involved in a project that has real world applications
- * familiarize students with a variety of computer applications they will likely use later in school, such as... Google docs, Google sheets, and Google slides.
- * increase a student's ability to clearly communicate ideas, information, and concepts in a professional way.

General Overview

Students should start by defining the terms listed in **Part 1**. Once students are familiar with the terms they should then begin taking pictures of the landscaping plants around their house - - **be sure to hang the shield in the picture. The shield will be mailed to you soon**. It's a good idea to try to identify them the same day and enter each sample into the log sheet (**Part 2**). The log sheet sample number should be in the same sequence the pictures were taken. Students may go to a local garden center for help in identification. **No more than 20 pictures can be taken from a location where the plants are labeled or identified in any way.**

Once the plants have been identified and the log completed, **Part 3** of the project involves utilizing those sample pictures and log information in a Google slide presentation. After the Google slide presentation is complete, each student will be given a mock plat survey. This part will be given once school starts. Using the sample numbers from their log as a key, students will landscape around the house and property. For example, if a student has a boxwood bush in their log as # 11, and wishes to place it somewhere on the property, they would simply write an "11".

The last part of the project will conclude with a college type practicum exam. I will have sample pictures with some information about the specimen in a slide presentation. Students will be asked to identify the samples by name or group. The project in total will account for 20% of their first quarter grade. Each section may be weighted differently.

Getting Started (On or after July 15)

In order to start the project, students will have to sign in to the Botany Project in Google Classroom. To do this simply type "Google Classroom" in your browser bar. Once there, click on the + button and sign in using the following code: **qqtwhyh**. Once this has been done, you will see a Google doc titled "Botany Project". This document will tell you everything you need to know. * If this doesn't work please send me an email. If you have any questions please email or call (better). Please keep in mind however, I may not be able to answer immediately.

****All documents must be done in Google**

Email: Bsylvester@illianaweb.org Cell #: 219-677-3923