

# WAC Biology Lab Syllabus 2020-2021

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## **The lab:**

The lab will coordinate with the topics covered in the biology course taught at Wellspring Academic Center. However, it is NOT necessary to be enrolled in the academic center course to participate in the lab. We will examine enzymes, cell structures and processes, isolate DNA, do microscope work, and multiple dissections.

ALL materials will be supplied. However, student should bring a large shirt or lab coat. We will make messes---especially when dissecting!

## **Monthly meetings:**

The lab will be held at the home of Mrs. Taylor from 9am - 12 pm the following Wednesdays: 8/19, 9/16, 10/7, 11/4, 12/2, 1/6, 2/3, 3/3, 4/7, 5/5. Upon registration, the address will be emailed to you.

## **Monthly assignments:**

A written lab write-up (if assigned) will be due the Monday after the lab meets. If the student has the biology course at the academic center, he may hand it to Mrs. Taylor there; otherwise, please email the lab report to the above address.

Students will write a lab summary for some experiments they do. Each lab report will be written on a separate piece of paper with the name and date of the experiment at the top of the page as well as the student's name. The lab write-up should consist of:

1. Materials---complete list of materials
2. Procedure---paragraph summary of what was done
3. Observations---a record of observations made while completing the experiment: drawings and illustrations go here
4. Conclusions---what was learned? Compare what was seen. Was experiment successful? Why or why not?

## **Grading:**

Participation	50%
Lab Write-ups	50%

There will be no opportunity for make-up labs; therefore, only one lab may be dropped. Thus, the student will not be penalized for one absence. One final grade will be given at the end of the year.

## **Grading scale:**

90-100% A; 80-89% B; 70-79% C; 60-69% D; <60% F