

La Porte High School Pre AP Biology Outreach Learning
March 25 - 27, 2020

Freshman Pre AP Biology Week of March 25-27, 2020

Instructor: Shelby Jones

If there are any questions, please email me at: jonessh@lpisd.org

Link to TEAMS Folder

Link to: (*Resources*).

[Khan Academy](#)

Links to TEAMS Folders:

(*Be sure to select the correct class period!!*)

[1st Period](#)

[2nd Period](#)

[3rd Period](#)

[4th Period](#)

Objectives

Objective / I Can:

- I can compare the structures of viruses to cells, describe viral reproduction, and describe the role of viruses in causing diseases such as human immunodeficiency virus (HIV) and influenza.

Activities

Student Activities:

Khan Academy Viruses Diagraming

Go to [Teams Folder](#). Look for the assignment: Viruses: Khan Academy. READ INSTRUCTIONS CAREFULLY.

1. Sign up for Khan Academy *if you haven't already*
2. Watch the video and read the article about viral structure and replication.
3. Create a "Parts of a Virus" diagram and a "Viral Reproduction" diagram.
4. Submit a link to this page in the class notebook to the TEAMS assignment.

Academic/Instructional Support

Office Hours: 8AM – 12PM

During "Office Hours" I'll be actively available to answer questions or discuss concepts. Outside of office hours I will intermittently check email from 12PM to 4PM daily.

La Porte High School Pre AP Biology Outreach Learning
March 25 - 27, 2020

To Be Graded

Assignment for students to submit to TEAMS:

Khan Academy

- A. Students will be assessed based on proper identification and labeling of a diagram consisting of the following parts of a virus:
 - a. Capsid
 - b. Lipid Envelope
 - c. Genetic Material
- B. Students will be assessed based on the proper identification and labeling of a diagram consisting of the following types of viral replication cycles:
 - a. Lysogenic Cycle
 - i. Attachment
 - ii. Phage DNA
 - iii. Host DNA
 - iv. Replication
 - v. Division
 - vi. Assembly
 - vii. Release
 - b. Lytic Cycle
 - i. Attachment
 - ii. Phage DNA
 - iii. Host DNA
 - iv. Replication
 - v. Release

When is it due? 03/30 by midnight

What assignments will the student submit?

Khan Academy: Viruses Diagraming

How will it be submitted?

Electronically, via TEAMS assignment.