

Grade 10-12

Distance Learning Module 10 & Module 11: Week of: June 8-12, & June 15-18

Infectious Disease - *Modified from [Unit #2 - The Agent and Final Project](#)*

Targeted Goals from Stage 1: Desired Results

Content Knowledge:

Vaccines have been developed for both viral and bacterial infections

Vaccines work with a person's immune system to prevent or lessen the onset of a disease.

Vocabulary:

antibody, antigen, antiviral, vaccine, conjugate

Skills:

Employ the techniques used in infectious disease laboratories.

Analyze patient profiles and apply understanding of microbiology and medical treatments to diagnose and create a prevention plan

Expectation:

Description of Task (s):	Resources and Materials:	Daily Checks (Return to Google Classroom or snapshots from a cell phone)
Monday: Frontline: The Vaccine War <ul style="list-style-type: none">- Watch the first segment of the video (up to 11 minutes - feel free to watch more if you are interested!)- Complete the table listing arguments for and against vaccines	The Vaccine War Pros and Cons	Submit Pros and Cons Table
Tuesday: Herd Immunity <ul style="list-style-type: none">- Complete the Herd Immunity Animation	Herd Immunity Animation	Answer the question: What is Herd Immunity? How does it protect a population from an infectious disease outbreak?

Description of Task (s):	Resources and Materials:	Daily Checks (Return to Google Classroom or snapshots from a cell phone)
- Respond to the question on Classroom		
Wednesday: Introduce Infectious Disease Big Ideas Project - students choose a topic of interest to explore	Big Ideas Project Sign up Sheet	Sign up for a topic Begin research, project creation
Thursday: Big Ideas Project	Continue research and share recorded evidence of new learning	Check in - submit research, report progress
Friday: Big Ideas Project	Continue research and share recorded evidence of new learning	Check in - submit research, report progress
Monday: Big Ideas Project	Continue research and share recorded evidence of new learning	Check in - submit research, report progress
Tuesday: Submit project	Complete research and share project	Submit project and self-assessment on rubric
Wednesday: Distance Learning Survey	Survey	All late work due Respond to survey (if have not already)
Thursday: Wrap up/Survey		Respond to survey (if have not already)

Week criteria for success (attach student checklists or rubrics):

Successful completion Herd Immunity assignments, Big Ideas Project, and completion of student survey.

Supportive resources and tutorials for the week (plans for re-teaching):

The Vaccine Makers Project

Amoeba Sisters YouTube- video