Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Directions:**

In the next few weeks, we will be learning about infectious diseases and the immune system.

You will create a Glog about a specific infectious disease to share with the public. Glogs are online, interactive posters through edu.glogster.com. Directions for creating a Glog will be reviewed in class.

*\*For more pertinent resources and to assist in your research, please view the list of resources on my Weebly*

**Content Requirements of the Glog:**

* Name of disease and basic information:
  + Scientific name and common names+ must be in large, clear print
  + Brief, 1-2 sentence description of disease
* Causes:
  + Type and name of pathogen: bacteria, virus, fungus, protist
    - Give details of the biology of the pathogen, as applicable
  + Other factors with an influence:+ genetics, diet, environmental factor, etc.
  + Transmission: How does it spread? How does it get inside the body? Give details.
    - Direct vs. indirect contact
    - Vector? If it is carried by another organism, what is this organism? (e.g. ticks carry Lyme disease)
* Diagnosis:
  + Signs and Symptoms
    - How is it diagnosed?
    - What are the signs/stages of the disease?
    - What human systems does the disease affect?
  + Epidemiology/who it affects (ex. Certain countries, children, elderly, women, men)
    - How is this disease distributed and what might explain this distribution?
    - History of disease+
    - Current outbreaks or cases (locally, nationally, globally)
* Medicine:
  + Prognosis (what is the outlook for patients with this condition)
    - Is the disease acute (short-term), persistent/chronic, or latent (pathogen stays in body but may or may not be active)?
    - Include details of the immune system response to the pathogen
  + Control and/or treatments, and their success rates
    - Antibiotics+: Are there any antibiotics that treat it? If so, give specifics of the antibiotic (what is the biology of it; problems with resistance; etc.)
    - Are there any drugs that minimize symptoms or progression? +
  + Prevention (vaccines, tests/screenings for disease, diet)
  + Current research and/or drug development+

*+These should be included if applicable and relevant to your disease.*

**Multimedia and Citation Requirements:**

* At least one video
* At least FOUR images. Link the image source to the image on the Glog.
* At least one GRAPH. Link the image source to the image on the Glog.
* A link to your References page, typed on Google Drive in APA format
  + At least 5 sources from non-“.com” websites (for example, you may use .gov or .edu websites, books, magazine articles, etc.)

**Phases of the project:**

1. Classwork and research on infectious diseases
2. Group drafts of information:
   1. You will create TWO Google Docs, that must be shared amongst group members AND Ms. Campbell ([emcampb3@asu.edu](mailto:emcampb3@asu.edu)):
      1. References page (in APA format)
         1. Use bibme.org to help create your references page. Be sure to select APA!

**~~DUE DATE: 5:30pm on Thursday, May 15~~ Due at time of outline (May 20)**

* + 1. Outline of information (template will be provided)

**DUE DATE: 5:30pm on Tuesday, May 20**

1. Create final draft of Glog on Glogster
   1. See guidelines on other page

**DUE DATE: 5:30pm on Thursday, ~~May 15~~ May 22**

1. Review classmates’ Glogs

**Friday, May 23**

1. Roundtable Discussion on Infectious Diseases (more details to come)

**Wednesday, May 28**

**Unit Vocabulary:**

**Virus, bacteria, antibiotic, vaccine, immune system, immune response, parasite, pathogen, toxin, infectious disease**

**Grading:**

* This assignment will be worth a total of ***85 points*** towards your fourth quarter “A-Knowledge with Understanding” standards grade. This will be a sum of your group and individual grades.
* **Group grade: 60 points**
  + See rubric for details
* **Individual grade: 25 points**
  + ~~Concept map and summary sheet- 5 points (more details to come)~~
  + Participation and contribution to group- ~~10 points~~ 15 points
  + Preparation for roundtable discussion (on Wednesday, May 28)- 10 points