

Biology
Bacteria and Virus Project

Name of bacteria/virus/prion disease:

Presentation:

- Prepare a slide show in your google drive
- It must be created and shared with Ms. Ward (ward@lincolnk12.org) by the end of the hour on Thursday, December 22nd
- Must have AT LEAST 8 slides (this does not count the title slide)
- Must include pictures or diagrams
- Must be 3-6 in duration when presented to the class
- Must include a video or activity that will help classmates understand the bacteria/virus/prion better
- Each slide must be easily read by the audience
- Do not put too many or too few words on each slide
- Presenter must be prepared and ready to act professionally on the presentation date

Fact Sheet:

- You must supply classmates with a fact sheet about your disease
- Includes important facts about your assigned disease
- Must be at least ½ page, type (11-12 point font)
- Must supply to the teacher in advance so copies can be made (advance DOES NOT mean 7:25 the day you do the presentation!)

Minimum information to include (does not include the diagrams and activities already discussed):

- For bacteria
 - Shape and name - how do they go together
 - Cell wall composition - Gram negative or positive
 - Movement
 - Type of reproduction
 - Type of metabolism
 - Types of antibiotics to kill it
 - Various forms
- For viruses:
 - Virus structure - adenovirus, bacteriophage, etc
 - Type of replication process - describe in detail
 - Retrovirus?
- For prions:
 - Type of organism infected
 - Explanation of protein misfolding

-----The rubric for this assignment is on the back of this sheet-----

5. **Presentation Rubric**

Name (2 points)	How does it spread? (2 points)	Discovery Date (2 points)	Origin (2 points)
Shape and/or picture (2 points)	Type of Nucleic acid (RNA or DNA) (2 points)	Symptoms (5 points)	Is there a vaccine? (2 points)
Replication type (2 points)	At least four informative facts (5 points)	Minimum of three pictures or diagrams (5 points)	A minimum of eight slides was included in presentation. (5 points)
Presenter prepared and presented professionally (10 points)	Presentation was in shared google drive (5 points)	Facts sheets provided (5 points)	Three references provided (5 points)
Presentation duration was 3-6 minutes (5 points)	Presentation was neat and organized. (5 points)	Presentation start time:	Presentation end time:
Total Possible Points: 70 points	Points Earned:	Grade Earned: Name: _____	

6. **Resources:** Research your topic and take notes. Document all resources used below. These should then be listed at the end of the slide show. This will not count as one of the 8 slides. (You must have at least 3 different resources). Name of the web page or internet site address.

