**Public Service Announcement**

An outbreak has occurred in your area. You have replaced Dr. Bonnie Henry as BC’s Public Health Officer and your task is to inform the public about the growing concern of this disease. You and your partner(s) will do this by creating a Public Service announcement warning the public about an outbreak in your area. You can video a mock interview and bring in experts, victims, use signs, voice overs, etc. You will research and report the facts about your infection, but you may also embellish on what’s happening in your area.

**Facts you will report on:**

1. Scientific name and common name of the pathogen that causes the disease, type of pathogen (bacteria, virus, fungus, protozoa).
2. Image of the pathogen.
3. When the disease was first documented
4. Name of the scientist(s) who discovered the pathogen that causes the disease.
5. Method of transmitting the disease
6. Life cycle
7. Prevention (Common sense and medical means)
8. Demographic it affects (old? young? men? women? area of the world? all equally?)
9. Symptoms of the disease
10. Treatment of the disease
11. Statistics (i.e. Number of people affected by the disease, mortality (death) rate, etc.)
12. Long term effects (paralysis? amputation? heart damage? etc.)

Extra:

* You may include “Fun Facts” about your disease. Examples may include the names and pictures of celebrities stricken by the disease or historical facts about the disease.
* Instruction/Demonstration (hand washing, right and wrong way to wear a mask)
* Discuss R value
* Abhor group work? Possible Alternatives: poem, song, rap.

African Sleeping Sickness

AIDS

Body Lice

Botfly Larvae

Botulism

Candiru Fish

Chicken Pox/Shingles/Herpes/Mononucleosis

Cholera

Ebola

Elephantiasis

Epstein-Barr

Ergot (LSD)

Giardiasis

Gonorrhea

Hant Virus

Human Papillomavirus (HPV)

Influenza (Flu)

Jock Itch, Athlete’s Food, Ringworm

Lyme Disease

Mad Cow Disease

Malaria

Polio

Rabies

Salmonella

Small Pox

Streptococcus 1 Group A (Strep throat, flesh-eating)

Swimmer’s Itch

Syphilis

Tapeworm

Tetanus

Toxoplasmosis

Tuberculosis

Vaginal Yeast Infection

Valley Fever

West Nile

See file attached to Teams for links on your pathogen.

Rubric:

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| --- | --- | --- | --- | --- |
|  | Emerging | Developing | Proficient | Extending |
| **Content: Communicates** scientific ideas and information using scientific terms | Communicates ideas using non-scientific terms | Communicates ideas, findings, and solutions using scientific language, representations, and digital technologies as appropriate | Clearly and effectively Communicates ideas, findings, and solutions using scientific language, representations, and digital technologies as appropriate. Uses sufficient evidence and their own words. | Engages audience on a deeper level while communicating ideas, findings, and solutions. |
| **Effectiveness –** presentation is clear, concise, |  |  |  |  |